SAMSUNG Chrono™

PORTABLE DUAL-BAND MOBILE PHONE

User Manual

Please read this manual before operating your phone, and keep it for future reference.

Intellectual Property

All Intellectual Property, as defined below, owned by or which is otherwise the property of Samsung or its respective suppliers relating to the SAMSUNG Phone, including but not limited to, accessories, parts, or software relating there to (the “Phone System”), is proprietary to Samsung and protected under federal laws, state laws, and international treaty provisions. Intellectual Property includes, but is not limited to, inventions (patentable or unpatentable), patents, trade secrets, copyrights, software, computer programs, and related documentation and other works of authorship. You may not infringe or otherwise violate the rights secured by the Intellectual Property. Moreover, you agree that you will not (and will not attempt to) modify, prepare derivative works of, reverse engineer, decompile, disassemble, or otherwise attempt to create source code from the software. No title to or ownership in the Intellectual Property is transferred to you. All applicable rights of the Intellectual Property shall remain with SAMSUNG and its suppliers.

Samsung Telecommunications America (STA), LLC

Headquarters:
1301 E. Lookout Drive
Richardson, TX 75082
Toll Free Tel:

Customer Care Center:
1000 Klein Rd.
Plano, TX 75074
1.888.987.HELP (4357)

Internet Address: http://www.samsungusa.com

©2011 Samsung Telecommunications America, LLC is a registered trademark of Samsung Electronics America, Inc. and its related entities.

Do you have questions about your Samsung Mobile Phone?
For 24 hour information and assistance, we offer a new FAQ/ARS System (Automated Response System) at:

www.samsungtelecom.com/support

GH68-33187A
Printed in Korea.

Nuance®, VSuite™, T9® Text Input, and the Nuance logo are trademarks or registered trademarks of Nuance Communications, Inc. or its affiliates in the United States and/or other countries.

Openwave® is a registered Trademark of Openwave, Inc.

RSA® is a registered Trademark RSA Security, Inc.

The Bluetooth® word mark, figure mark (stylized “B Design”), and combination mark (Bluetooth word mark and “B Design”) are registered trademarks and are wholly owned by the Bluetooth SIG.

Open Source Software

Some software components of this product incorporate source code covered under GNU General Public License (GPL), GNU Lesser General Public License (LGPL), OpenSSL License, BSD License and other open source licenses. To obtain the source code covered under the open source licenses, please visit:

http://opensource.samsungmobile.com/index.jsp.

Disclaimer of Warranties; Exclusion of Liability

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED ON THE WARRANTY PAGE ENCLOSED WITH THE PRODUCT, THE PURCHASER TAKES THE PRODUCT "AS IS", AND SAMSUNG MAKES NO EXPRESS OR IMPLIED WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE; THE DESIGN, CONDITION OR QUALITY OF THE PRODUCT; THE PERFORMANCE OF THE PRODUCT; THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO. NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS OR IMPLIED WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE OR USE OF THE PRODUCT OR ARISING FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS.

Table of Contents

Section 1: Getting Started 5

Understanding this User Manual 5
Battery 8
Charging the Battery 13
Activating Your Phone 16

Section 2: Understanding Your Phone 19

Features of Your Phone 20
Side View 21
Closed View of Your Phone 23
Open View (Front) of Your Phone 25
Command Keys 28
Navigation Key Shortcuts 31
Understanding the Display Screen 34
Menu Navigation 35

Section 3: Call Functions 38

Making a Call 39
Answering a Call 48
Ignoring a Call 50
Adjusting the Call Volume 50
Roaming 50
Voice SVC 51
Voice Commands 52
Voice Settings 54

Section 4: Entering Text 60

Changing the Text Entry Mode 60

Using T9® Word Mode 62
Using Abc Mode 63
Entering Numbers 63
Entering Symbols 64
Entering Emoticons 65
Section 5: Understanding Your Contacts 66
Contacts 66
Finding a Contacts Entry 68
Adding a New Contacts Entry 73
Editing a Contacts Entry 75
Saving a Number After a Call 80
Speed Dial 83
Contacts Groups 88
Memory Info 95
Section 6: Calls 96
Calls 96
Section 7: Messaging 108
Types of Messages 108
Creating and Sending Text Messages 108
Creating and Sending Picture Messages 110
Receiving Messages 115
Message Boxes 118
Erase Messages 130
Message Settings 131
Section 8: Web 135
Web 135
Easyedge 135

Tone Room 136
Section 9: easyedge 137
easyedgeSM 137
Launching an Application 138
Finding and Downloading Applications 138
Section 10: Multimedia 139
Multimedia 139
Camera 140
My Images 144
My Ringtones 145
Section 11: Tools 149
Tools Menu 150
Bluetooth 151
Calendar 155
Memo Pad 158
Alarm Clock 160
World Time 163
Calculator 164
Stop Watch 165
Converter 166
Tip Calculator 167
Section 12: Changing Your Settings 168
Settings 169
Location 169
Display Settings 170
Sound Settings 175
Call Settings 179
Phone Settings 184

Memory Info 197
Phone Info 198
Section 13: Health and Safety Information 200
Health and Safety Information 200
Please Note the Following Information When Using Your Handset 203
Samsung Mobile Products and Recycling 203
UL Certified Travel Adapter 203
Consumer Information on Wireless Phones 205
Road Safety 218
Responsible Listening 221
Operating Environment 225
Using Your Phone Near Other Electronic Devices 225
FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices 227
Potentially Explosive Environments 231
Emergency Calls 232
FCC Notice and Cautions 233
Other Important Safety Information 235
Product Performance 236
Availability of Various Features/Ring Tones 238
Battery Standby and Talk Time 238
Battery Precautions 239
Care and Maintenance 242
Section 14: Warranty Information 244
Standard Limited Warranty 244
End User License Agreement for Software 250
Index 258

Section 1: Getting Started

This section explains how to start using your Samsung Chrono™ by activating your service, setting up your Voicemail, or getting an understanding of how this manual is put together.

Understanding this User Manual

The chapters of this guide generally follow the same order as the menus and sub-menus in your phone. A robust index for quick reference to most features begins on page 258.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 200.

Notes and Tips

Throughout this guide there is text that is set apart from the rest. These are intended to point out important information, quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes**: Explain alternative options within the current feature, menu, or sub-menu.
- **Tips**: Provide quick or innovative methods for performing functions related to the subject at hand.
- **Important**: Points out important information about the current feature that could affect performance, or even damage your phone.

Text Conventions

This manual provides condensed information about how to use your phone. To make this possible, the following terms and icon appear in place of repeatedly-used procedural steps:

highlight Use the Navigation key (OK) to move a highlighting effect onto a menu item or screen item of interest.

select After "highlighting" a menu item or screen item, press OK to launch, access, or save a highlighted menu item or screen field of interest.

➔ Used in place of "select" in long "drill down" procedure steps.

Example: Select **Settings** ➔ **Call Settings** ➔ **Call Answer**.

Battery

Your phone is powered by a rechargeable, standard Li-Ion battery. A travel charger is included with the phone, for charging the battery.

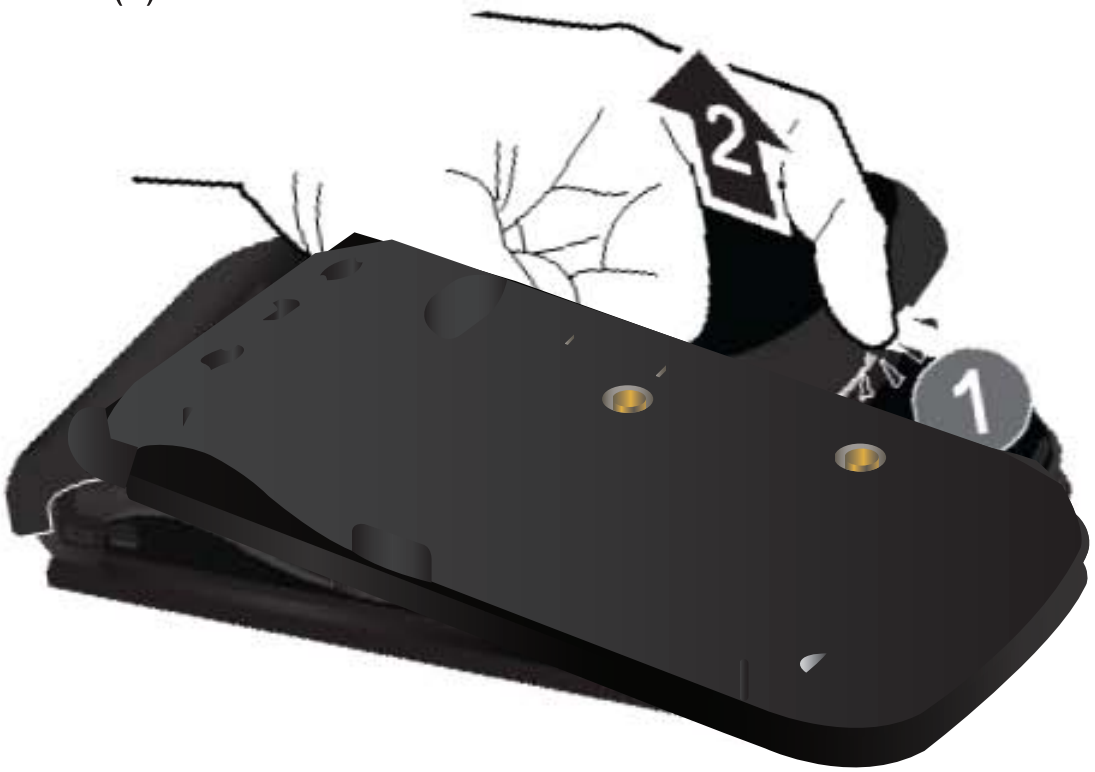
Note: The battery comes partially charged. You must fully charge the battery before using your phone for the first time. A fully discharged battery requires up to 4 hours of charge time.

After the first charge, you can use the phone while charging.

Warning!: Use only Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

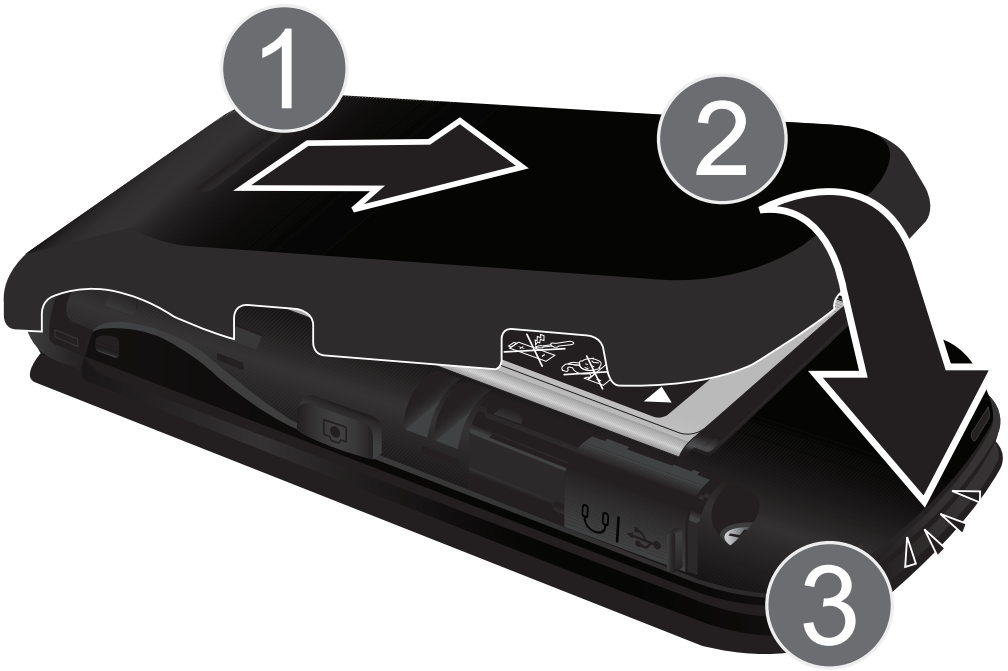
Removing the battery cover

- Pull up using the slot provided (1), while lifting the cover off the phone (2).



Installing the battery cover

- Align the cover and press it firmly into place, being sure it snaps into place at the corners.



Installing the Battery

Note: Your phone comes packaged with a partially charged rechargeable standard Li-Ion battery and travel adapter.

Important!: You must fully charge the battery the first time you use your phone, otherwise you could damage the battery.

1. Remove the battery cover. For more information, refer to *"Removing the battery cover"* on page 9.
2. Insert battery into the phone housing, aligning the gold contacts on the battery with the gold contacts in the phone. Push down on the bottom of the battery down.

3. Install the battery cover.

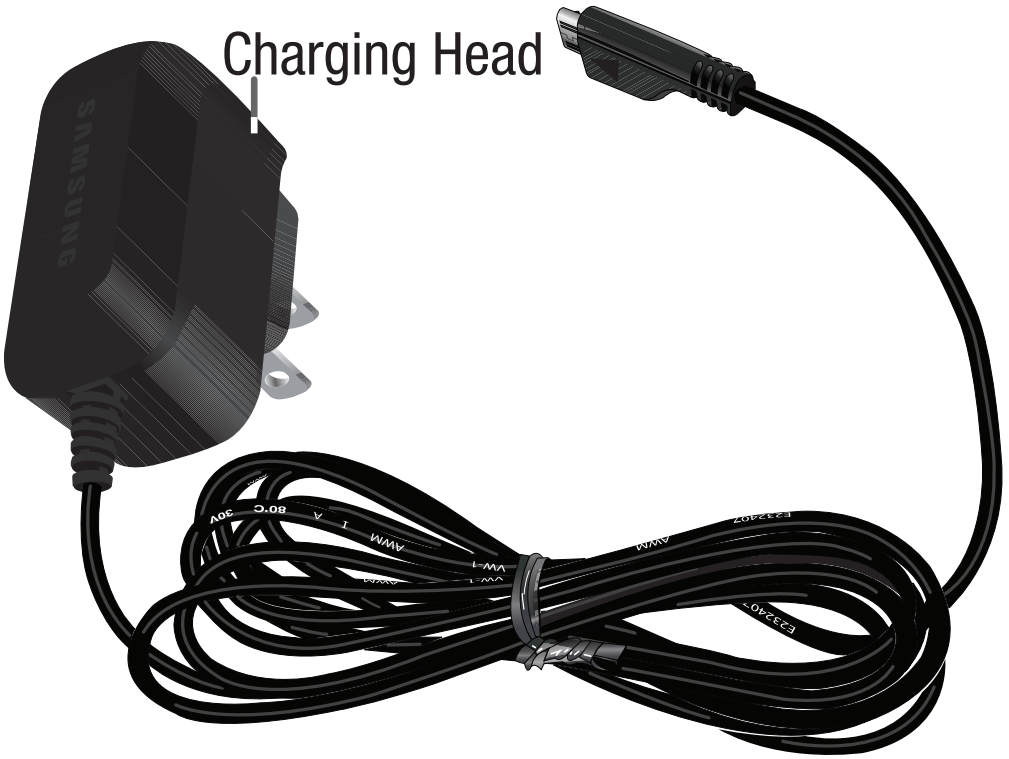
Removing the Battery

1. Press and hold to turn off the phone (if on).
2. Remove the battery cover. For more information, refer to *“Removing the battery cover”* on page 9..
3. Lift the bottom of the battery up (1) and away (2) from the phone.

Charging the Battery

Your phone is powered by a rechargeable standard Li-Ion battery. Only use Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. Use of other accessories may invalidate your warranty and may cause damage.

1. Plug the charging head into a standard AC power outlet.

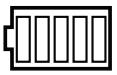


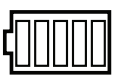
2. Slide the connector cover to the right to expose the charger/accessory connector. Insert the smaller end of the travel adapter into the charger/accessory connector on the lower right side of your phone.

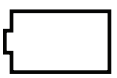
3. When charging is complete, unplug the charging head from the power outlet and remove the USB cable from the phone.

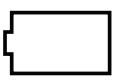
Important!: For connection to an electrical supply not located in North America, you must use an adaptor of the proper configuration for the power outlet. Use of the wrong adapter could damage your phone and void your warranty.

Low Battery Indicator

The battery indicator () in the upper-right corner of the display indicates power level. Monitor the battery strength and ensure your battery is adequately charged.

Five bars () indicate a full charge.

An empty battery icon () indicates a near empty battery.

A blinking empty battery icon () and a tone sounding indicate you have two to three minutes before the battery is too low to operate the phone.

If you continue to use your phone without charging its battery, the phone will shut down.

Activating Your Phone

Contact your Wireless Carrier and follow their instructions for obtaining service, if necessary. We suggest that you read this guide to fully understand the services your phone supports.

Turning Your Phone On

1. If closed, open your phone, as shown.
2. Press . The display lights.

Note: As with any other radio-transmitting device, do not touch the antenna while using your phone as this can affect call quality and can cause the phone to operate at a higher power level than is necessary.

- The phone begins searching for a network signal.
- Once the phone finds a signal, the time, date, and day appear at the top of the display.
- You're now ready to place and receive calls.

Note: If you are outside of your carrier's coverage or roaming area, the No Service icon ( ) appears at the top of the phone's display. If you cannot place or receive calls, try later when service is available, or at another location.

Turning Your Phone Off

1. If closed, open your phone.
2. Press and hold for two or more seconds. Your phone powers off.

Note: If your phone is on and you press for less than one second, the phone will not power off. This prevents your phone from being turned off accidentally.

Setting Up Your Voicemail

Voicemail allows callers to leave voice messages, which can be retrieved any time.

Note: Once your Voicemail account has been set up, you can use the Voicemail folder (under the Message menu) to view details of voice messages in your Voicemail box.

To dial Voicemail:

1. In standby mode, press and hold or dial your own mobile number.
2. Follow the prompts in the new user tutorial to setup your mail box.

Listen to Voicemail

- In standby mode, press and hold 1@ or dial your own mobile number to dial Voicemail. After connecting, you will hear your voice greeting. You are prompted to enter your password.

Section 2: Understanding Your Phone

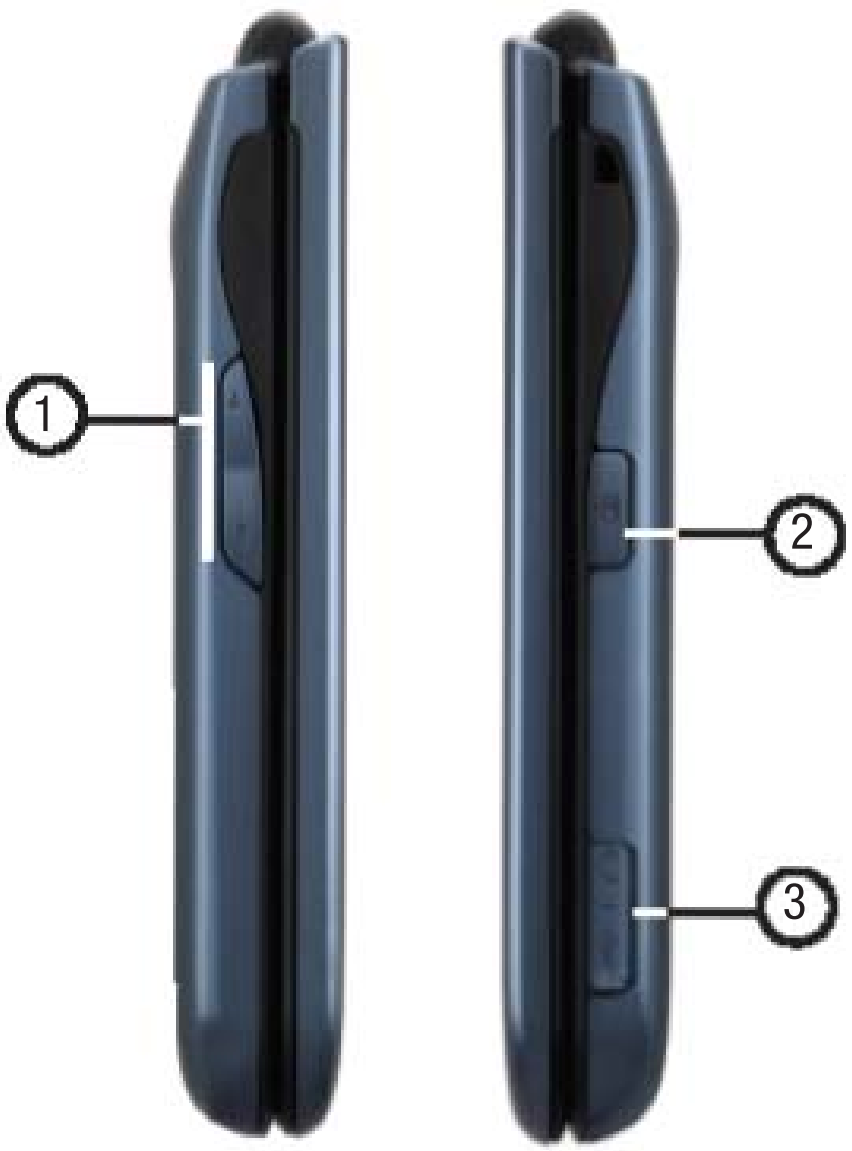
This section outlines some key features of your phone. It also describes the screen format and the icons that will be displayed when the phone is in use.

Features of Your Phone

- Domestic and international voice and text messaging service (available on participating networks).
- High speed data (CDMA 2000 1x Technology)
- Bluetooth® Wireless Technology, v2.1 Enhanced Data Rate (see Note)
- Global Positioning System (GPS) Technology
- Personal Information Management Tools
- Text (SMS) and Picture (MMS) Messaging
- Mobile Web WAP Browser
- Email Messaging
- Built-in VGA Digital Camera
- Voice Dial

Note: The Samsung Chrono™ supports the wireless Headset, Handsfree, Object Push, File Transfer, Dial-up Networking, and Phone Book Access profiles for Bluetooth® wireless technology. The Samsung Chrono™ does not support Bluetooth OBEX profiles. For more information, refer to *"Bluetooth"* on page 151.

Side View



Features

1. **Volume Key**: Allows you adjust the ring volume in standby mode, adjust the voice volume during a call, or mute the ringer during an incoming call.
2. **Camera Key**: Launches the Camera feature of your phone and takes photos.
3. **Power/Accessory Connector**: Used to connect an optional headset (for hands free operation), or optional TTY device, charging accessories, or optional accessory cables to your phone.

Closed View of Your Phone

Features

1. **Camera Lens**: The lens of your built-in camera.
2. **Front Display**: Indicates the status of your phone, including status icons, message indicators, signal strength and more.

Open View (Front) of Your Phone

Features

1. **Earpiece**: Allows you to listen to callers.
2. **Main Display**: Indicates the status of your phone, including status icons, message indicators, signal strength and more.
3. **Navigation Key**: In Menu mode, lets you scroll through the phone menu options. In Standby mode, lets you access preset functions and one user-defined function.
4. **Left Soft Key**: Used to navigate through menus and applications and to select the choice indicated at the bottom left corner of the Main LCD.
5. **SEND Key**: Lets you place or receive a call. In standby mode, press once to access the recent calls log.
6. **Voicemail Key:** Lets you speed dial your Voicemail account to review your voice messages.
7. **Special Function Key**: When in a text entry field press and hold to toggle between text entry modes. Also when dialing an international number, press and hold to add a "+".
8. **Voice Recognition Key**: Press and hold to launch voice recognition system.
9. **OK Key**: Press when navigating through a menu to accept the highlighted choice.
10. **Right Soft Key**: Used to navigate through menus and applications and to select the choice indicated at the bottom right corner of the Main Display.

11. **END Key**: Ends a call. If you press and hold the END key, the power goes On or Off. When you receive an incoming call, press to send the call to voicemail.
12. **CLR Key**: Deletes characters from the display when you are in text entry mode. Press this key to return to the previous menu or screen when navigating features on your phone.
13. **Vibration mode**: Press and hold to activate vibration mode.
14. **Microphone**: Lets the other caller hear you when you are speaking.

Command Keys

Soft Keys

Functions for the soft keys are defined by what appears above each in the display. There are two soft keys, Left ( ) and Right ( ).

Left Soft Key

Some functions of the **Left** soft key ( ) are as follows:

- In standby mode, press the **Messages** soft key ( ) to launch the **Messages** menu.
- When the Left soft key function is Edit, press the **Edit** soft key ( ) to edit a Contacts entry.

Right Soft Key

Some functions of the **Right** soft key ( ) are as follows:

- In standby mode, press the **Contacts** soft key ( ) to launch the Contacts **Find** screen.
- When the Right soft key function is Options, press the **Options** soft key ( ) and a pop-up menu appears.
- When the Right soft key function is Back, press the **Back** soft key ( ) to back up one menu level.

OK Key

- In standby mode, press OK to launch the Main Menu.
- In a menu, press OK to accept the highlighted selection.
- In camera mode, press OK to take a photo or to create a Picture message.
- When the OK function is **Edit**, press OK to edit a Draft message.

Send Key

The **Send** key ( ) is used to answer calls, dial calls, and to recall the last number(s) dialed, received, or missed.

- Press once to answer calls.
- Enter a number and briefly press to make a call.
- Briefly press in standby mode to display a list of recent calls to and from your phone.
- Press twice in standby mode to call the most recent number.
- Press to pick up a waiting call. Press again to switch back to the other call.

End Key

- Press and hold the End key to turn your phone on or off.
- Briefly press once to disconnect a call.
- Press to return to standby mode from any menu, or to cancel the last input.

Clear Key

The **CLR** key (CLR) is used to erase or clear numbers, text, or symbols from the display. You can also use the key to return to a previous menu or to return to standby mode from any menu.

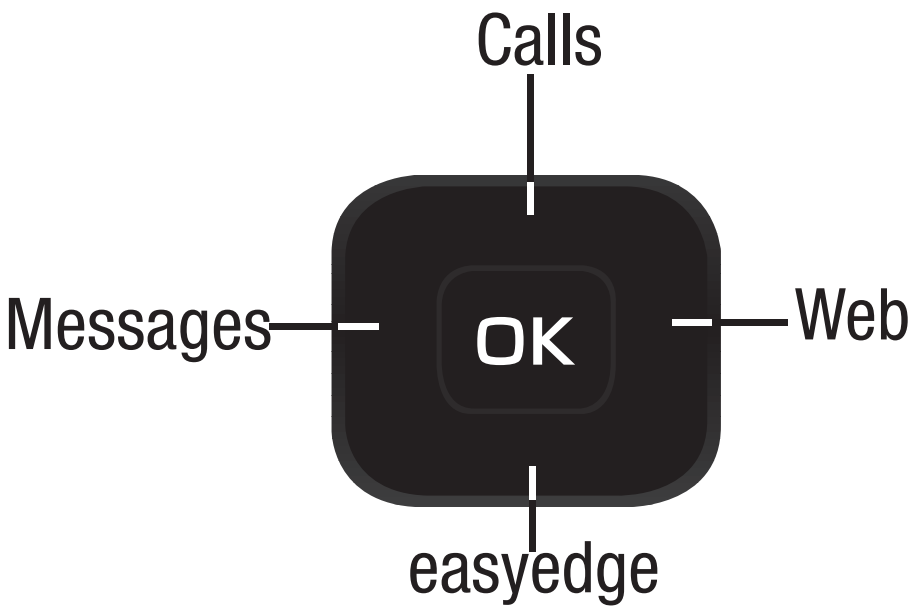
- If you enter an incorrect character, briefly press CLR to backspace (and delete) the character.
- To erase the entire sentence, press and hold CLR.
- To back up one menu level, briefly press CLR.

Navigation Key

Use the directional keys on the **Navigation Key** (OK) to browse menus, sub-menus, and lists. Each directional key also acts as a shortcut to launch applications.

Navigation Key Shortcuts

In standby mode, press a navigation key to launch the key's corresponding application.



---

* **My Images** can be customized. Press OK for **Menu**, then select **Settings** ➔ **Phone Settings** ➔ **Shortcut Key**.

Camera Key

Use the **Camera Key** ( ) on the right side of the phone to activate the camera built into your phone and to take pictures.

Vibration Mode Key

Use the **Vibrate Mode Key** (#) to control Vibrate Only mode:

- In standby mode, press and hold the **Vibrate Mode Key** (#) to set your phone to Vibrate Only mode.
- In standby mode, press and hold the **Vibrate Mode Key** (#) to return to the previous sound profile

Volume Key

Use the **Volume Key** ( ) to adjust volume:

- In standby mode, press the **Volume Key** ( ) to set Master Volume.
- In standby mode, press and hold the **Volume Key** ( ) down to activate Sounds Off/Normal mode.
- During calls, press the **Volume Key** ( ) to adjust voice volume.
- Press the **Volume Key** ( ) to mute the ringtone of an incoming call.

Camera Key

Use the **Camera Key** ( ) for Camera functions:

- In standby mode, press and hold the Camera Key to launch the camera.
- While in Camera mode, press the **Camera Key** ( ) to take a photo.

Note: You can also enter Camera mode in standby mode by pressing OK for **Menu** ➔ **Multimedia** ➔ **Camera**.

Speakerphone

Use the Speakerphone function to enable or disable the speakerphone. This lets you conduct a call handsfree, and/or lets you share a call with others.

To enter Speakerphone Mode

- During a call, press **SPK** (OK) ➔ **Yes** soft key to activate the speakerphone.

Caution!: While in Speakerphone mode, hold your phone away from your ear. (For more information, refer to *"Responsible Listening"* on page 221.)

To exit Speakerphone Mode

During a call, press **SPK** (OK) ➔ **No** soft key to deactivate the speakerphone.

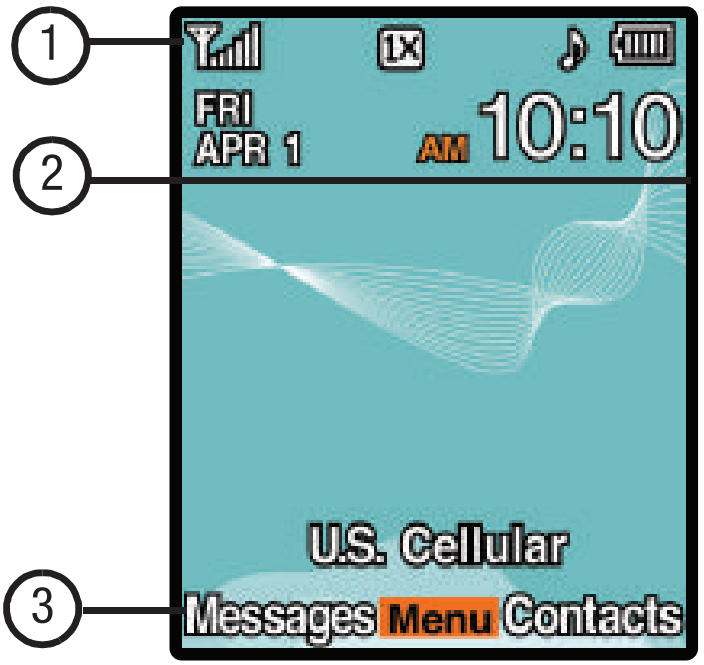
Voicemail Key

Use the **Voicemail Key** (1@) to set up and check Voicemail.

- In standby mode, press and hold the**Voicemail Key** (1@) to call Voicemail.

Understanding the Display Screen

1. The top line of your phone's display contains icons that indicate network status, battery power, signal strength, connection type, and more.
2. The Main Clock shows the day, date, and time.
3. The bottom line of the display shows current soft key functions.



The sample screen shows that pressing the Left soft key **Messages** will launch the Messages menu, pressing OK will display the Main Menu, and pressing the Right (**Contacts**) soft key will show the Contacts **Find** screen.

Display Screen Icons

Your Samsung Chrono™ phone can show you definitions of the icons that appear on the top line of the display.

To access the Icon Glossary:

- In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Phone Info** ➔ **Icon Glossary**. A list appears showing the icons that can appear on the top line of the displays.

Menu Navigation

Access the menus and sub menus in your phone using the navigation key (OK) and soft keys (— —), or use a shortcut.

1. In standby mode, press OK for **Menu.**
2. Use the navigation key to browse through the menus.
3. To enter the menu or sub menu that appears in the display, press OK.
4. Press the **Back** soft key to return to the previous menu.

Navigate Using a Shortcut

You can also access menus and sub menus using menu numbers. After pressing **Menu** (OK), press the menu number to go directly to the menu or sub menu of your choice. Before you can navigate using a shortcut, you'll need the menu or sub-menu number that you wish to access.

1. In standby mode, press OK for **Menu**.
2. Press the number of the menu, sub menu, and so on for the feature that you wish to access.

Example: Press OK for **Menu**, then press 8 TUV, 5 JKL. This takes you to the **Tools** menu (Menu 8), and then to the **Alarm Clock** (sub menu 5).

Navigate Using Quick Search

Use the **Quick Search** feature to find a menu or menu item by pressing the number keys that correspond to the first few letters of menu or menu item name. (For more information, refer to *"Quick Search"* on page 195.)

Dialogue Boxes

Dialogue boxes prompt for action, inform you of status, or warn of situations such as low battery. Dialogue boxes and their definitions are outlined below.

- Choice
  - **Example:** “Save Message?”
- Reconfirm
  - **Example:** “Erase All Messages?”
- Performing
  - **Example:** “Sending...” “Connecting...”
- Completed
  - **Example:** “Message Saved”
- Information
  - **Example:** “New Message”
- Error
  - **Example:** “System Error!”
- Warning
  - **Example:** “Low Battery,” “Memory Full!”

Section 3: Call Functions

This section explains how to make and answer calls. This section also includes the features and functionality associated with making or answering calls.

Making a Call

1. With the phone on, enter the number you wish to call using the keypad.
2. Press to place the call.

Dialing Emergency Numbers

To place an emergency call:

1. With the phone on, enter 911 using the keypad.
2. Press to place the call.

You can specify other numbers as emergency numbers using the **Emergency #** settings. (For more information, refer to *"Emergency #"* on page 188.)

Important!: Emergency number 911 is preset into your phone. You can dial this number almost any time, even when the phone is locked or restricted.

If you call 911 an audible tone is heard and an Emergency prompt appears in the display for the duration of the call.

Important!: Because of various transmission methods, network parameters, and user settings necessary to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calling may not be available on all wireless networks at all times.

Important!: DO NOT depend on this phone as a primary method of calling 911 or for any other essential or emergency communications.

Dialing International Numbers

Call Another Country: Manual Method

1. In standby mode, enter **011** (the three-digit exit code for the United States).
2. Enter the country code for the country that you are calling.
3. Enter the number that you wish to call, then press .

Note: Puerto Rico and Canada are on the North American dialing plan. Making calls to Puerto Rico and Canada is similar to making calls within the United States, no unique country codes are necessary.

Call Another Country: Shortcut Method

1. In standby mode, press and hold until a plus sign (**+**) appears in the display.

Note: When you press , your phone automatically replaces this **+** with 011, the three-digit exit code for the United States.

---

2. Enter the country code for the country that you are calling.
3. Enter the number that you wish to call, then press .

Manual Pause Calling

When you call automated systems (like banking services), you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Contacts along with special characters called pauses.

- **2-Sec Pause**: A two-second pause stops the calling sequence for two seconds and then automatically sends the remaining digits.
- **Wait**: A hard pause stops the calling sequence until you press .

To manually call a number with pause(s) without storing it to your Contacts:

1. Enter the number you wish to call.
2. Press the **Options** soft key. A pop-up menu containing the following options appears in the display:
   - **2-Sec Pause**: a two-second pause.
   - **Wait**: a hard pause (awaits input from you).
3. Highlight the desired pause option.
4. To enter the highlighted pause into your number sequence, press .

Note: If you select **2-Sec Pause**, **P** appears in the display. If you select **Wait**, **W** appears in the display.

---

5. Press to call the number.

Making a Call using Speed Dialing

You can store phone numbers and contact names in your phone's Contacts list. Speed Dialing lets you quickly and easily dial any contact in your Contacts list by using that contact's location number in the list. You can assign and change location (speed dial) numbers for your contacts. (See *"Assignment During Entry Creation"* on page 84.)

One-Touch Dialing

Speed Dial numbers 2 through 9 are special One-Touch dialing numbers. You can call the phone numbers stored in your phone's Contacts list and assigned Speed Dial numbers 2 through 9 by pressing and holding a single key.

Example: For Speed Dial number 3, press and hold 3 DEF until the name and number appear in the display and the number is dialed.

Two-Touch Dialing

Memory locations 10 through 99 are special Two-Touch dialing locations.

Example: For location number 13, briefly press 1 @, then press and hold 3 DEF until the name and number appear in the display and the number is dialed.

Three-Touch Dialing

Memory locations 100 through 999 are special Three-Touch dialing locations.

Example: For location number 113, briefly press 1@, briefly press 1@ again, then press and hold 3DEF until the name and number appear in the display and the number is dialed.

Pause Dialing From a Contacts Entry

- If you speed dial a contact that contains (two-second) P pause(s) simply wait for the pauses to pass and the dialing to complete.
- If you speed dial a contact that contains (hard) W pause(s), wait for the appropriate prompt(s) from the number you are calling (credit card number, bank account number, and so on) and enter the appropriate response(s).

Making a Call from Quick Search Dialing

Use the **Quick Search** feature to dial any number stored in your Contacts list by pressing the number keys that correspond to the first few letters of a Contact name. (For more information, refer to *"Quick Search"* on page 195.)

Quick Search Dialing a Contact

To find and dial a Contact, do the following:

1. In standby mode, press the number keys that correspond to the first few letters of the Contact name.
2. Press the Up navigation key. The **Contact List** screen appears showing the desired Contact name, as shown.
3. If needed, use the Up and Down navigation keys to highlight the Contact you wish to call.
4. Press to call the highlighted Contact.

Making a Call using Voice Dialing

Your Samsung Chrono™ mobile phone includes state-of-the-art voice recognition software that lets you dial numbers using your voice.

Using Voice Dial

Use the **Voice Dial** command to dial any number stored in your Contacts list by saying the name of the contact (Name Dialing). You can also use Voice Dial to dial any valid telephone number, even numbers not stored in your Contacts list, by speaking the individual digits in the number (Digit Dialing).

Voice Dialing Tips

- Wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking to someone on the phone.
- When saying a name, say the first name then the last name.

Dialing a Name

To dial a name, do the following:

1. In standby mode, press and hold .

   "**Say a Command**" appears in the display and is pronounced through the earpiece.

2. Say, "**Call**".

   You are prompted to "**Say the name** or **#**".

3. Speak clearly and say the name of a person in your Contacts list, first name followed by last name.

   If the name is recognized, Voice Dial repeats the name and dials the number.

   If Voice Dial is not sure which name you said, it displays a choice list of up to three names and prompts you with "**Did you say?**" followed by the first name on the list.

4. Say "**Yes**" to confirm the name or "**No**" to hear the next name, or use the keypad to select the correct name from the list. (For more information, refer to *"Choice Lists"* on page 54.)
   - Press the **Repeat** soft key to say the name again.
   - Press the **Settings** soft key, then press the **Exit** soft key to exit Voice Dial without dialing.

   If the recognized name has multiple numbers stored for it (that is, Home, Work, Mobile, and so on), Voice Dial displays the possible choices and prompts you with "**Which number?**"

5. Say one of the following number types:
   - "**Home**"
   - "**Work**"
   - "**Mobile**"

   Voice Dial dials the specified number.

Dialing a Number

To dial a number using Voice Dial, do the following:

1. In standby mode, press and hold .

   "**Say a Command**" appears in the display and is pronounced through the speaker.

2. Say "**Call**".

   VoiceSignal prompts you to "**Say the name or #**".

3. Speak clearly and say the telephone number of the person you want to call. *For example, say "7 8 1 5 5 5 6 2 0 0."*

   If it recognizes the number, Voice Dial repeats and dials the number. If Voice Dial is not sure it has recognized the number, it displays a choice list of up to three numbers and prompts you with "**Did you say?**" followed by the first number on the list.

4. Say "**Yes**" to confirm the number or "**No**" to hear the next one, or use the keypad to select the correct number from the list. (For more information, refer to *"Choice Lists"* on page 54.)

   - To say the name again, press the **Repeat** soft key.
   - To exit Voice Dial without dialing, press CLR.

Pause Dialing From a Contacts Entry

- If you voice dial a contact that contains (two-second) T pause(s) simply wait for the pauses to pass and the dialing to complete.
- If you voice dial a contact that contains (hard) P pause(s), wait for the appropriate prompt(s) from the number you are calling (credit card number, bank account number, and so on) and enter the appropriate response(s).

Answering a Call

Your phone notifies you of a call in the following ways:

- A ring tone sounds and/or your phone vibrates (Your phone provides seven ring volume settings including: **Silence All**, **Vibrate**, **Low**, **Low/Medium**, **Medium**, **Medium/High** or **High** and/or different ring types to distinguish callers.)
- A phone number (unless blocked by the caller) and a name appear in the display (If the caller's number and name are stored in your Contacts list).
- If the caller can't be identified, **Call from unavailable#**, **Call from restricted number**, or no number appears in the display.
- Your phone continues to notify you of the call until one of the following events occurs:
  - –You answer the call.
  - –You ignore the call.
  - –The calling party ends the call.
  - –The call is sent to voicemail.

Answering an Incoming Call

- Open the flip on your phone, if closed, and/or press . The ring tone and/or vibration stop and the caller's voice can be heard in the earpiece.

Tip: You can set your phone to automatically answer calls or to answer calls when you press any key but or automatically, as indicated by the **Auto Answer** icon ( ). (For more information, refer to *"Call Settings"* on page 179.)

In-Call Options

You can access numerous menus and features while in a call.

1. While in a call, press the **Options** soft key.

   The following menu items appear in the display:

   - **Speaker On/Off**: Enables/disables Speakerphone mode during this call.
   - **Message**: The **Messages** menu appears in the display.
   - **Contacts**: The Contacts **Find** screen appears in the display.
   - **Recent Calls**: The **All** Calls Log screen appears in the display.
   - **Send DTMF**: Send your phone number as DTMF tones.
   - **Voice Privacy**: Select **Standard** or **Enhanced** voice privacy.
   - **Location**: Lets you change your phone's Location setting.

Ignoring a Call

When you ignore an incoming call, the call is immediately forwarded to your voice mail.

- During an incoming call, press the **Ignore** soft key. The caller is forwarded to your voice mail.

Adjusting the Call Volume

In standby mode, repeatedly press the **Volume** key ( ) down until the Call Volume Level desired appears in the display. The Volume key is on the left side of phone.

Roaming

Roaming lets you use your Samsung Chrono™ when you travel outside of your Wireless Carrier's coverage area. The Roaming icon (R) appears in the top line of the display when Roaming is active, and extra charges may apply when making or receiving calls.

Note: Some features may be unavailable while roaming. Roaming also consumes additional power from the battery requiring more frequent recharging. Contact your Wireless Carrier for more information about Roaming.

How Roaming Works

Roam option lets you set roaming preferences if you move in and out of your home network. The following roaming options are available:

- **Home Only**: Your phone is available for normal operation only in the designated coverage area.
- **Automatic**: Your Wireless Carrier's Preferred Roaming List (PRL) of networks is used to acquire service. If no preferred networks are found, any digital system is acquired.

Note: For more information, refer to *"System Select"* on page 194.

Voice SVC

VoiceSignal is state-of-the-art voice recognition software for your mobile phone that lets you dial numbers, lookup contact information, and open applications using your voice. To access your phone's voice settings, do the following:

▶ In standby mode, press OK for **Menu** ➔ **Tools** ➔ **Voice SVC**.

The following options appear in the display:

- **Voice Commands**: Lets you place calls, access your Contacts List, review your appointments, and more by speaking commands into your phone.
- **Voice Settings**: Lets you adjust VoiceSignal to better suit your needs.

Voice Commands

To start VoiceSignal, do one of the following:

1. In standby mode, press and hold .
   "**Say a Command**" appears in the display and is pronounced through the earpiece, followed by a list of available commands.
2. At the **Tools** menu, select **Voice SVC** → **Voice Commands**.

Note: You can also set your phone to start VoiceSignal when you open the phone. (For more information, refer to *"Voice Launch"* on page 59.)

VoiceSignal includes the following commands:

– **Call**: Lets you dial the phone by saying any name stored in your contact list, without ever having to record, or "train" that name. VoiceSignal automatically voice-activates all your contacts, even if you have hundreds of them stored on your phone. You can also dial any telephone number, even if it is not stored in your contact list, by saying the digits in the number.

– **Send Text**: Lets you launch the **Create Txt Msg** screen. (For more information, refer to *"Creating and Sending Text Messages"* on page 108.)

– **Send Picture**: Lets you launch the **Create Pic Msg** screen. (For more information, refer to *"Creating and Sending Picture Messages in Standby Mode"* on page 113.)

– **Lookup**: Lets you look up and display contact information for any name stored in your Contacts list by saying the name.
– **Go to**: Lets you access all of the Main Menus on your phone.
– **Check**: Lets you check your phone's status (that is, network coverage, signal strength, and battery in the same report), network coverage, signal strength, battery, and phone number.

Voice Command Tips:

- Make sure you wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking on the phone.

Voice-Activating Your Contacts List

When you first start VoiceSignal, it reads your Contacts list and voice-activates all the names stored there. When you have add or change contacts, VoiceSignal automatically reloads and voice-activates the entire list.

Ending Calls Before Restarting the VoiceSignal Software

When you use VoiceSignal to make a call, you must end that call before you can use VoiceSignal again.

Voice Settings

Choice Lists

VoiceSignal uses choice lists when it is not confident it has correctly recognized a name or number. In this case, it can display a list of up to three possible choices, and prompt you to confirm the correct one.

You can change the way that VoiceSignal uses choice lists with name dialing, digit dialing, and contacts. For each feature, you can choose to always see a choice list (even if there is only one choice), or never see a choice list (even if there are multiple choices). If you leave the setting at "Automatic," VoiceSignal displays a choice list only when it is not confident it has correctly recognized the name or number.

To change the way VoiceSignal uses choice lists:

▶ At the **Voice SVC** sub-menu, select **Voice Settings** ➔ **Choice Lists** the following options appear in the display:

- **Automatic**: VoiceSignal displays a choice list only when it is not sure if it has correctly recognized the name or number.
- **Always On**: VoiceSignal always displays a choice list, even when there is only one choice.
- **Always Off**: VoiceSignal never displays a choice list.

Select the preferred Choice List behavior.

Sensitivity

1. At the **Voice SVC** sub-menu, select **Voice Settings** ➔ **Sensitivity**. The **Sensitivity** screen appears in the display.
2. Use the Navigation key to adjust the selected Sensitivity setting toward **Reject More** spoken commands or names or toward **Reject Less** spoken commands or names.
3. To accept the new setting, press OK.

Digit Dialing

If you regularly have trouble with VoiceSignal not recognize the numbers you say, try adapting digit dialing to your voice. Adapting can improve the accuracy of digit recognition, especially for people with strong regional accents.

Note: After you adapt Digit Dial, your phone is customized to your voice, and your voice only. Others will not be able to use it unless they reset the Digit Dialing to factory defaults. (For more information, refer to *"Reset Digits"* on page 58.)

Adaptation involves recording several sequences of four digits each. The recording process takes about a minute.

Tips for Adapting Digit Dialing

- Use Adapt Digits in a quiet place.
- Make sure you wait for the beep before starting to speak.
- Speak clearly, and say each digit distinctly.
- If you make a mistake while recording a sequence of digits, or if there is an unexpected noise that spoils the recording, re-record that sequence.
- Only adapt digits if you are regularly having problems with digit dialing. Once you adapt, digit dialing will not work as well for other people using your phone. (You can always reset digit adaptation to its original state, as described below.)

Adapt Digits

To adapt digit dialing, do the following:

1. At the **Voice SVC** sub-menu, select **Voice Settings** ➔ **Digit Dialing** ➔ **Adapt Digits**.

   Your phone displays the first digit sequence and "**Please say**" plays through the speaker followed by the four digits appearing in the display.

2. Wait for the beep and say the digits using your normal tone of voice. After a moment, the phone plays back the recording and prompts "Did the recording sound ok?"

   - If the recording was good, say "**Yes**."
   - If you need to re-record, say "**No**."

   If you say "**No**," the phone prompts you to pronounce the digits again. Wait for the beep and then say the digits.

   Repeat this step until you're satisfied with the recording.

3. After confirming that the recording sounds "ok", continue the recording process with the next set of digits.

4. After six sets of digits, the phone asks whether you want to do more adaptation. Answer "**Yes**."

5. Repeat steps 4 and 5 for another six sets of digits. After the second group of six sets of digits, "**Adaptation complete**" plays through the speaker and you are returned to the **Adapt Digits** menu.

Reset Digits

To reset digit dialing to factory default settings, do the following:

1. At the **Voice SVC** sub-menu, select **Voice Settings** ➔ **Digit Dialing** ➔ **Reset Digits**.

   The phone prompts you to confirm digit reset.

2. To reset your digit adaptation, press the **OK** soft key. To cancel, press the **Back** soft key.

Sound

Sound lets you specify what (if any) text prompts you want your phone to read to you through the earpiece.

1. At the **Voice SVC** sub-menu, select **Voice Settings** ➔ **Sound**. The following options appear in the display:
   - **Prompts**: Enables (**On**) or disables (**Off**) playing of prompts.
   - **Digits**: Enables (**On**) or disables (**Off**) playing of digits.
   - **Names**: Enables (**On**) or disables (**Off**) playing of names.
   - **Name Settings**: Lets you adjust the speed and volume of your phone's audio name playback.
2. Select the desired option and setting.

Voice Launch

To set the key or action that launches VoiceSignal, do the following:

1. At the **Voice SVC** sub-menu, select **Voice Settings** ➔ **Voice Launch**. The following options appear in the display:
   - **Key Only**: Press and hold to activate VoiceSignal for one call.
   - **Key/Ear Mic**: Attach a headset to your phone. Press and hold to activate VoiceSignal. Now, you can make and end calls using VoiceSignal by pushing the button on the headset.
2. Select the Voice Launch option you want.

About VoiceSignal

This option causes the **About Nuance** screen to appear in the display, showing version and build information about the VoiceSignal software included on your phone.

1. At the **Voice SVC** sub-menu, select **Voice Settings** ➔ **About**.

   The **About Nuance** screen appears in the display showing the version level of the VoiceSignal software currently installed on your phone.

Section 4: Entering Text

This section outlines how to select the desired text entry mode when entering characters using the phone keypad. This section also describes how to use the T9 predictive text entry system to reduce the number of key strokes needed to enter text.

Changing the Text Entry Mode

Text messages can be made up of alphabetical characters, numbers, and symbols. You can use the following text entry modes to simplify text entry:

- **T9 Word**: Press each phone key only once to enter the letter of the word that you're spelling. T9 WORD mode letter options are:
  - **T9 word**: Enter all lower case letters
  - **T9 Word**: Enter initial capital letters
  - **T9 WORD**: Enter all upper case letters
- **Abc**: Enter letters by repeatedly pressing each phone key until the desired character (as shown on the key) appears in the display. ABC mode letter options are:
  - **abc**: Enter all lower case letters
  - **Abc**: Enter initial capital letters
  - **ABC**: Enter all upper case letters

- **123**: Enter numbers by pressing the corresponding keys on the phone keypad.
- **Symbols**: Using the phone keypad, enter a symbol into your message by pressing the number above the symbol in the Symbols pop-up window.
- **Shortcuts**:Use to enter common text symbols.
- **Emoticon**: Use Emoticons to enter smiley symbols into a text field.
- **Add T9 Word**: Add English predictive text terms to your T9 dictionary.

The current text entry mode is indicated as the left soft key option.To change the text entry mode while composing a text message:

▶ Repeatedly press and hold * + ↑ to toggle between text entry modes, **Abc**, **123**, and **T9Word**.

Or, do the following:

▶ Press the Left soft key ➔ highlight a text entry mode ➔ press OK.

Using T9® Word Mode

T9 Word recognizes commonly used words for the numeric sequence of key presses and inserts the word into your message. T9 Word is much faster than the traditional method of text entry (Abc) and requires only one key press per letter of the word that you're spelling.

1. While composing a text message, press the Left soft key, then select **T9Word**.
2. For practice, enter the word "**Samsung**" by pressing each of the following keys only once:

S A M S U N G

T9 Word recognizes that the most commonly used word for the numeric sequence you just entered is "Samsung."

If more than one word shares the same numeric sequence, T9 Word pops-up the most commonly useds. Press the Navigation key Up or Down to display other words, if available.

Note: To enter a space, press # . To enter a period, press 1@ . These key functions apply to both T9 Word and Abc modes.

Using Abc Mode

1. While composing a text message, press the Left soft key, then select **abc**, **Abc** or **ABC**.
2. Enter characters while in Abc mode by pressing a key repeatedly until the desired character appears in the display.

Example: Press 4 GHI once for "**G**" and twice for "**H**".

---

3. Pause briefly and the displayed character is accepted and inserted into your message.
4. To enter a space, press # . To enter a period, press 1@ .

Entering Numbers

Enter numbers into a text message while in 123 mode.

1. While composing a text message, press the Left soft key, then select **123**.
2. Enter numbers while in 123 mode by pressing the key labeled with the corresponding number that you wish to insert into your message.

Entering Symbols

Use Symbols mode to enter common symbols into a text field, such as “@” or “%”.

1. While composing a text message, press the Left soft key, then select **Symbols**. The first of three symbol screens appears in the display.
2. Use the **Prev** and **Next** soft keys to page through the other symbols, if desired.
3. Press the key that corresponds with the symbol that you wish to enter.

Example: Press 4 GHI for an exclamation point (**!**).

---

4. Repeat these steps to insert additional symbols into your message.

Entering Emoticons

Use Emoticons mode to enter smiley symbols into a text field.

1. While composing a text message, press the Left soft key, then select **Emoticons**.
2. Use the **Prev** and **Next** soft keys to page through the other symbols, if desired.
3. Press the key that corresponds with the symbol that you wish to enter.

Section 5: Understanding Your Contacts

This section details how you can manage your daily contacts by storing their names and numbers in your Contacts list. You can have your Contacts entries sorted by name.

Contacts

Up to 500 entries can be stored in Contacts. Each entry can have up to five associated phone numbers and one Email address. Each phone number can be up to 32 digits in length, including **2-Sec** or **Wait** pauses (see *"Manual Pause Calling"* on page 41 for more information), and associated names can be up to 32 characters in length. You can assign the Speed Dial numbers of your choice for each entry. You can also mark your Contacts list as Restricted to prevent unauthorized viewing. (For more information, refer to *"Restriction"* on page 192.)

Tip: Speed Dial **One-Touch Dialing**, **Two-Touch Dialing**, and **Three-Touch Dialing** allow you to call numbers stored in Contacts faster. (For more information, refer to *"Speed Dial"* on page 83.)

▶ In standby mode, press OK for **Menu** ➔ **Contacts** .

The following options appear in the display:

- **Find**: Find a Contacts entry by name.
- **Add New Entry**: Add a number or Email address to your Contacts.
- **Speed Dial**: Assign a Contacts entry to a Speed Dial number. (For more information, refer to *"Speed Dial"* on page 83.)
- **Group**: Review, send messages to, add Contacts to, or rename four out of your five groups. (For more information, refer to *"Contacts Groups"* on page 88.)
- **Memory Info**: Display used and available memory for Contacts entries.

Finding a Contacts Entry

Shortcut Key Method

If you've stored a name entry in Contacts, Find allows you to find it quickly by entering the first few letters of a Contact's name.

1. In standby mode, press the **Contacts** soft key.

   The **Find** screen appears in the display with the **Go To** field highlighted, followed by the first few names in your Contacts list.

2. Enter the first few characters of a name as entered in Contacts. For example, if you saved the name as "Amy Smith", begin the search by pressing (for "A").

   As you enter letters, the names of the closest matches appear in the display.

3. When the desired entry is listed in the display, use the Up/Down navigation keys to highlight the entry.
   - Press to dial the number associated with the name.
   - Press the **Edit** soft key to add or change information for this entry.
   - Press **View** (OK) to show information about the entry.
   - Press the **Options** soft key. The following options appear in the display:
     - **New Contact**: Add a new entry to Contacts.
     - **Erase**: Erase the name and associated information.
     - **Send Txt Msg**: Create and send a text message to the selected Contact.
     - **Send Pic Msg**: Create and send a picture message to the selected Contact.
     - **Call**: Dial the number associated with the name.
     - **Send Name Card Via Bluetooth**: Send selected Contacts to another Bluetooth device.

     Select the desired option to access its sub-menu appears in the display.

Voice Method

Use the VoiceSignal Lookup command to view contact information for any named contact stored in your Contacts list by saying the name.

Note: The **Lookup** command shows the requested contact information in the display but does not dial any phone numbers for the contact.

---

1. In standby mode, press and hold to launch VoiceSignal.

   "**Say a Command**" appears in the display and is pronounced through the speaker.

2. Say "**Lookup**".

   VoiceSignal prompts you to "**Say the name.**"

3. Speak clearly and say the full name of the person you want to call, exactly as it is entered in your Contacts list.

   - If VoiceSignal recognizes the name you said, the Contact entry information for that name appears in the display.
   - If VoiceSignal does not recognize the name you said, a choice list of up to three names appears in the display, and VoiceSignal prompts you with "**Did you say?**" followed by the first name on the list.

4. Say "**Yes**" to confirm the name or "**No**" to hear the next name, or use the keypad to select the correct name from the list. (For more information, refer to *"Choice Lists"* on page 54.)
   - To say the name again, press **Repeat**.
   - To exit VoiceSignal without dialing, press **Settings** and press **Exit**.
5. The contact information for the name you selected appears in the display.
   - To dial the number associated with the name, press .
   - To remove this entry from your Contacts list, press the **Erase** soft key.
   - To add or change information for this entry, press **EDIT** (OK).
   - To access the following options, press the **Options** soft key.
     - **Send Txt Msg**: Create and send a text message to the selected Contact.
     - **Send Pic Msg**: Create and send a picture message to the selected Contact.
     - **Call**: Dial the number associated with the Contact name.
     - **Send Name Card Via Bluetooth**: Send the select Contact's information to another Bluetooth device.

     Select the desired option.

Quick Search Method

For information on enabling Quick Search, see *"Quick Search"* on page 195.

1. In standby mode and with Quick Search enabled, press the first few numeric keys that correspond to the letters of the Contact's name.

Example: To search for "Sally" you would enter **725**.

---

2. Press the Up navigation key. A list of Contact names that begin with letters corresponding to the number keys you pressed appears in the display.
3. Highlight the searched for Contact.
   - To call the Contact, press .
   - To view the Contact, press OK.

Adding a New Contacts Entry

You can use either of two methods to add an entirely new entry to Contacts.

Dial Method

1. Using the keypad, enter the number you wish to add to your Contacts.
2. Press the **Save** soft key. The following options appear in the display:
   - **Create New**: Lets you create a new Contacts entry.
   - **Update Existing**: Lets you add the number you entered to an existing Contacts entry.
3. Select **Create New**.

   The **Create New** screen appears in the display showing the following icons:

4. Select the number type that matches your new entry and press OK.
5. Use the keypad to enter a name to associate with the Contacts entry.
6. Press **Save** (OK) to save the entry.

Menu Method

1. In standby mode, press OK for **Menu** ➔ **Contacts** ➔ **Add New Entry**.
2. Enter the name of the new entry using the keypad.

   Highlight one of the following fields:

   Mobile **Home** **Work**

   Pager **@Email** **Email** **Group**

   Ringtone **Fax**

3. Enter a phone number or Email address in the highlighted field.
4. Repeat steps 3 and 4 as needed.
5. Press OK to save the new entry.

Editing a Contacts Entry

Editing Contacts Name and Numbers

1. In standby mode, press OK for **Menu** ➔ **Contacts** ➔ find the contacts entry you wish to change.
2. Use the Navigation key to highlight the entry and press **View** (OK). The **View Contact** screen appears in the display showing the highlighted entry's information.
3. Use the Navigation key to review the information for the entry that you wish to change, then press **Edit** (OK). The **Edit Contact** screen appears in the display.
4. Use the Navigation key to highlight the particular information you want to add or change.
5. Press the **Options** soft key. The following options pop-up in the display:
   - **Set Speed Dial/Remove speed dial**: Assign/remove a speed dial number. (For more information, refer to *"Speed Dial"* on page 83.)
   - **Set as default**: Set the number the phone will dial when Contacts dialing or speed dialing.
   - **Wait**: A hard pause (waits for input from you).
   - **2-Sec Pause**: A 2-second pause after which dialing resumes. (For more information, refer to *"Add Pauses to Contacts Numbers"* on page 76.)

   Select the desired option.

6. When you're finished changing the Contacts entry:
   - To save your changes, press OK.
   - To discard your changes, press . You are prompted to confirm exiting without saving your changes. Press the **No** soft key to discard your changes.

Add Pauses to Contacts Numbers

Calls to automated systems such as banking services often require a password or account number. Instead of manually entering these numbers, you can store them in a Contacts entry with the phone number and with special characters called pauses, up to a maximum of 32 digits.

- **Wait**: Stops the calling sequence until the phone receives further input.
- **2-Sec Pause**: Stops the calling sequence for two seconds, then sends the remaining digits.

Note: You can enter multiple 2-Sec Pauses to extend the length of a pause. For example, two consecutive 2-Sec Pauses cause a total pause time of four seconds. Keep in mind that pauses count as digits towards the 32-digit maximum.

To add pauses to a Contacts entry number, do the following:

1. Find the Contacts entry associated with the number you want to include one or more pauses. (For more information, refer to *"Finding a Contacts Entry"* on page 68.)
2. Select and edit the desired number. (For more information, refer to *"Editing a Contacts Entry"* on page 75.)
3. Press **Options**. The following pause options appear in the display:
   - **2-Sec Pause**: A 2-second pause after which dialing resumes.
   - **Wait**: A hard pause (waits for input from you).
4. Select the pause option of your choice to add it to the number sequence.
5. When you're finished entering information, press OK to store the number to Contacts.

Pause Dial from Contacts

1. If you stored the number using 2-second pause(s), simply find the Contacts entry, highlight the number, and press . (For more information, refer to *"Finding a Contacts Entry"* on page 68.)
2. If you stored the number using Wait(s), find and dial the number from Contacts and wait for the appropriate prompt from the dialed number.
3. Press to resume dialing the number.

Edit an Existing Email Address

1. Find the Contacts entry you want to edit. (For more information, refer to *"Finding a Contacts Entry"* on page 68.)
2. Highlight the desired Contacts entry, then press the **Edit** soft key.

   The **Edit Contact** screen appears in the display.
3. Highlight the **Email** field.
4. Use the keypad to edit the Email address. (For more information, refer to *"Entering Text"* on page 60.)
5. Press OK to save your changes.

Assigning a Ringtone to a Contacts Entry

When you assign a ringtone to a Contacts entry, the phone plays the ringtone that you assigned to the entry when you receive a call from that Contact instead of the ringtone currently assigned to Voice Calls.

1. Find the Contacts entry you want to edit. (For more information, refer to *"Finding a Contacts Entry"* on page 68.)
2. Highlight the desired Contact, then press the **Edit** soft key.

   The **Edit Contact** screen appears in the display.
3. Highlight the **Ringtone** field, then press the **Set** soft key.
4. Highlight a Ringtone and press OK.
5. Press OK to save your changes.

Saving a Number After a Call

Once you finish a call, you can store the caller's number to your Contacts list.

Note: If the call was incoming and Caller ID information was unavailable, then the **Save** option is also unavailable.

---

1. Press to end your call. The call time, length of call, phone number, and name of the party (if available) appear in the display.
2. Press the **Save** soft key. The **Save** menu appears in the display showing the following options:
   - **Create New**: Lets you create a new Contacts entry.
   - **Update Existing**: Lets you add the number you entered to an existing Contacts entry.
3. Follow the instructions in the upcoming sections depending on whether the number is a new entry or you wish to add it to an existing entry.

Create a New Entry

1. At the **Save** menu, select **Create New**.

   The **Create New** screen appears in the display showing the following number type options:

   Select the number type that matches your new entry. The **New Contact** screen appears in the display.

2. Enter a name for the new entry.
3. Press OK. The new entry is saved to your Contacts list.

Add to an Existing Entry

1. At the **Save** menu, select **Update Existing**. The **Update Existing** screen appears in the display showing your Contacts list with the **Go To** field and the first Contacts entry highlighted.
2. Find the Contacts entry to which you want to add the new number. (For more information, refer to *"Finding a Contacts Entry"* on page 68.)

   Select the desired Contacts entry. The following number type options appear in the display:

3. Number types that are already assigned a number show the number instead of the number type label.
4. Select the desired unassigned number type. The **Edit Contact** screen appears in the display with the new number posted in the appropriate number type field.
5. Press OK again to save your changes to the existing entry.

Speed Dial

A Contacts entry's Speed Dial number corresponds to the number keys you press to speed dial one of that entry's numbers.

Example: To speed dial the Contacts entry assigned to Speed Dial 5, press and hold 5 JKL, (1-touch dialing).

To speed dial the Contacts entry assigned to Speed Dial 35, press 3 DEF then press and hold 5 JKL, (2-touch dialing).

To speed dial the Contacts entry assigned to Speed Dial 235, press 2 ABC, press 3 DEF, then press and hold 5 JKL, (3-touch dialing).

You can assign one or more Speed Dial numbers to a Contacts entry during new entry creation or by editing an existing entry.

Assignment During Entry Creation

To assign a Speed Call number to a new Contacts entry number, do the following:

1. Follow either of the New Contacts entry procedures (see *"Adding a New Contacts Entry"* on page 73) until you enter a name for the entry.
2. After entering the Contacts entry name, **do not press** OK. Instead, highlight a number field.
3. Press the **Options** soft key. The following options appear in the display:
   - **Set Speed Dial**: Assign a speed dial number.
   - **Set as default**: Set the number the phone will dial when Contacts dialing, speed dialing, or voice dialing.
   - **Wait**: A hard pause (waits for input from you).
   - **2-Sec Pause**: A 2-second pause after which dialing resumes. (For more information, refer to *"Add Pauses to Contacts Numbers"* on page 76.)

   Select **Set Speed Dial**. The **Speed Dial** screen appears in the display.

4. Select an Unassigned Speed Dial number or enter an Unassigned Speed Dial number in the **Go To** field using the keypad.

Important!: Do not enter Speed Call numbers 1, 211, 311, 411, 611, or 911. These numbers are already assigned to Voicemail (001), to Information (411), to Customer Care (611), and to emergency use (911).

---

5. Press **SET (** OK **)**. You are prompted to confirm your Speed Dial number assignment.
6. Press the **Yes** soft key to save your Speed Dial assignment and return to the **New Contact** screen.

Note: Press the **No** soft key to discard the assignment and return to the **Speed Dial** screen.

---

7. Press OK to save your changes.

Assignment to an Existing Entry

1. Find the Contacts entry you want to edit. (For more information, refer to *"Finding a Contacts Entry"* on page 68.)
2. Highlight the desired entry.
3. Press **Edit**. The **Edit Contact** screen appears in the display.
4. Highlight the number field you wish to assign a Speed Dial number.
5. Do steps 3 through 7 of *"Assignment During Entry Creation"* on page 84.

Changing a Speed Dial Location

1. Find the Contacts entry you want to edit. (For more information, refer to *"Finding a Contacts Entry"* on page 68.)
2. Highlight the desired entry.
3. Press **Edit**. The **Edit Contact** screen appears in the display.
4. Highlight the number field marked by the Speed Dial icon ( ).

5. Press the **Options** soft key. The following options appear in the display:
   - **Remove speed dial**: Unassign the current speed dial number.
   - **Set as default**: Set the number the phone will dial when Contacts dialing, speed dialing, or voice dialing.
   - **Wait**: A hard pause (waits for input from you).
   - **2-Sec Pause**: A 2-second pause after which dialing resumes. (For more information, refer to *"Add Pauses to Contacts Numbers"* on page 76.)
6. Select **Remove Speed Dial**. "**Remove speed dial?**" pops up in the display to confirm your desire to remove the entry.
7. Press the **Yes** soft key to remove the Speed Dial assignment. "**Speed Dial Removed**" pops up in the display, and you are returned to the **Edit Contact** screen.
8. Do steps 4 through 7 of *"Assignment During Entry Creation"* on page 84.

Contacts Groups

Contact Groups let you easily send messages to multiple, selected Contacts. You can also use Groups to find Contact entries and to add/remove Contacts names in a Group or to create or rename a Group.

Add Contacts Entry to a Group

Using Add New/Edit Contact Option

To add a Contact to a Group using either the Add New Contact option or the Edit Contact option, do the following:

1. Create a Contacts entry or find a Contacts entry that you want to add to a Group.
2. Highlight the **Group** field, then press the **Set** soft key. The following groups appear in the display:
   - **No Group**
   - **Business**
   - **Colleague**
   - **Family**
   - **Friends**
3. Select the Group to which you want to assign the selected Contact and press OK.
4. Press OK to save your changes.

Using Group Add Option

The Add option lets you add one or more existing Contacts to a Group.

1. In standby mode, press OK for **Menu** ➔ **Contacts** ➔ **Group**.

   The **Group List** screen appears in the display showing Groups similar to the following:

   - **No Group**
   - **Business**
   - **Colleague**
   - **Family**
   - **Friends**

2. Highlight a Group, then press the **Options** soft key. The following options popup in the display:

   - **Send Txt Msg**: Send a text message to the selected Group.
   - **Send Pic Msg**: Send a picture message to the selected Group.
   - **Rename**: Change the name of the selected Group.
   - **Erase**: Delete the selected Group, and send the Contacts back to No Group.
   - **Add**: Add one or more Contacts to the selected Group.

3. Select **Add**. The **Add Contacts** screen appears in the display showing a list of Contacts entries.
4. Use the Navigation key to highlight an entry and press **Mark** (OK). A check mark appears in the entry's check box. Repeat as needed to check all the desired Contacts.

Note: Press the **Options** soft key to select **Unmark All** or **Mark All**.

---

5. When you have marked the Contacts you want to add to the group, press **Done** soft key. "**Contact added to group**" appears in the display, followed by the selected Group list including the added Contacts.

Remove Contacts Entry from a Group

1. In standby mode, press OK for **Menu** ➔ **Contacts** ➔ **Group**. The **Group List** screen appears in the display.
2. Highlight the Group (other than No Group) from which you want to remove a Contact, then press **VIEW** (OK).

   A list of the Contacts assigned to the selected Group appears in the display.
3. Highlight the Contact you wish to remove.
4. Press the **Remove** soft key. You are prompted to confirm the removal of the selected Contact.
5. To remove the selected Contact from this Group and return it to No Group, press the **Yes** soft key.

   To keep the selected Contact in this Group, press the **No** soft key.

Rename a Group

The Rename option lets you change the name any of the Groups, except No Group.

1. In standby mode, press OK for **Menu** ➔ **Contacts** ➔ **Group**. The **Group List** screen appears in the display.
2. Highlight the Group name other than No Group that you wish to change, then press **Options** ➔ **Rename**.

   The **Rename Group** screen appears in the display.
3. Enter changes to the group name using the keypad. (For more information, refer to *"Entering Text"* on page 60.)
4. When you have completed your changes to the Group name, press **SAVE** (OK).

   "**Group Renamed**" appears in the display followed by the **Group List** screen showing your renamed Group.

Add a New Group

The New option lets you add Groups.

1. In standby mode, press OK for **Menu** ➔ **Contacts** ➔ **Group**. The **Group List** screen appears in the display.
2. Press the **New** soft key. The **New Group** screen appears in the display.
3. Enter a new group name using the keypad. (For more information, refer to *"Entering Text"* on page 60.)
4. When you have completed entering the new Group name, press **SAVE** (OK). "**Group Saved**" appears in the display followed by the **Group List** screen showing your new Group.

Erase a Group

The **Erase** option lets you delete a Group, thus freeing you to reassign the Contacts formerly in the Group.

1. In standby mode, press OK for **Menu** ➔ **Contacts** ➔ **Group**. The **Group List** screen appears in the display.
2. Highlight the Group that you wish to delete, press the **Options** soft key, then select **Erase**.

   You are prompted to confirm the Group erasure.
3. To confirm erasure of the Group, press the **Yes** soft key. To retain the Group, press the **No** soft key.

Deleting a Contacts Entry

1. Find the Contacts entry you want to delete. (For more information, refer to *"Finding a Contacts Entry"* on page 68.)
2. Highlight the desired entry, press the **Options** soft key, then select **Erase**. The phone prompts you to confirm the erasure.
3. To confirm erasure of the selected Contact, press the **Yes** soft key. To retain the Contact, press the **No** soft key.

Memory Info

The Memory Info menu option lets you view the amount of memory you have used to store Contacts entries, as well as the memory remaining to store more Contacts entries.

- In standby mode, press OK for **Menu** ➔ **Contacts** ➔ **Memory Info**.

  The **Memory Info Contacts** screen appears in the display showing the **Total** amount of memory in your phone, the amount of memory **Used** to store Contacts entries, and the remaining (**Free**) for Contacts entries.

Section 6: Calls

Calls

The Calls menu retains information about Outgoing, Incoming, and Missed calls. You can also view times for your last call and the time totals for all calls.

- In standby mode, press OK for **Menu** ➔ **Calls** . The following Calls logs and options appear in the display:
  - **Outgoing Calls**
  - **Incoming Calls**
  - **Missed Calls**
  - **All Calls**
  - **Call Timer**
  - **Data Counter**

Note: In cases where there is a Contacts match for a Calls log entry, the name associated with the number appears in the display instead of the number.

Outgoing Calls

Your phone retains information about the last 90 outgoing calls and stores them in the Outgoing calls log. You can review the Outgoing calls log for the time and date of a call, as well as other information.

Note: To quickly view your most recent calls, briefly press in standby mode. Up to 270 of your most recent outgoing, incoming, and missed calls appear in the display.

---

1. In standby mode, press OK for **Menu** ➔ **Calls** ➔ **Outgoing Calls**. A list of your outgoing calls appears in the display.
2. Highlight a call, then press **OPEN** (OK) to view the Name of the called party (if in the Contacts list), the number dialed, the time and date the call was placed, and the duration of the call (in minutes and seconds).

3. Press the **Options** soft key. A pop-up menu containing the following options appears in the display:
   - **Save**: Save the number to your Contacts.
   - **Details**: Calls to Contacts Only :Shows the entry for the called Contact.
   - **Erase**: Erase the selected call from your Outgoing call log.
   - **Lock/Unlock**: Protect the selected call from being erased.
   - **Erase All**: Erase all calls from your Outgoing call log.
   - **View Timer**: Shows the number of calls and/or the total time spent on the Last Call, Outgoing Calls, Incoming Calls, Roaming Calls, All Calls, Last Reset, and Lifetime Calls.
4. Press the **Msgs** soft key to launch the **Send Message** menu. The following options appear in the display:
   - **Text Message**: Lets you send a text message to the selected number called.
   - **Picture Message**: Lets you send a picture message to the selected number called.
5. Select the desired message type to compose a message.

Incoming Calls

Your phone retains information about the last 90 Incoming calls and stores them in the Incoming call log. You can review the Incoming call log for the time and date of the call, as well as other information.

1. In standby mode, press OK for **Menu** ➔ **Calls** ➔ **Incoming Calls**. A list of your Incoming calls appears in the display.
2. Highlight a call, then press **OPEN** (OK) to view the Name of the caller (if in the Contacts list), the originating number, the time and date the call was received, and the duration of the call (in minutes and seconds).
3. Press the **Options** soft key. A pop-up menu containing the following options appears in the display:
   - **Save**: Save the number to your Contacts.
   - **Details**: Calls from Contacts Only :Shows the entry for the calling Contact.
   - **Erase**: Erase the selected call from your Incoming calls log.
   - **Lock/Unlock**: Protect the selected call from being erased.
   - **Erase All**: Erase all calls from your Incoming calls log.
   - **View Timer**: Shows the number of calls and/or the total time spent on the Last Call, Outgoing Calls, Incoming Calls, Roaming Calls, All Calls, Last Reset, and Lifetime Calls.

4. Press the **Msgs** soft key. The following options appear in the display:
   - **Text Message**: Lets you send a text message to the selected calling number.
   - **Picture Message**: Lets you send a picture message to the selected calling number.

Note: For more information, refer to *"Types of Messages"* on page 108.

---

5. Select an option to perform its function.

Missed Calls

Your phone retains information about the last 90 missed calls (calls that were never picked up) and stores them in the Missed call log. You can review the Missed call log for the time and date of the call, as well as other information.

1. In standby mode, press OK for **Menu** ➔ **Calls** ➔ **Missed Calls**. A list of your missed calls appears in the display.
2. Highlight a call, then press **OPEN** (OK) to view the Name of the caller (if in the Contacts list), the originating number, and the time and date the call was received.

3. Press the **Options** soft key. A pop-up menu containing the following options appears in the display:
   - **Save**: Save the number to your Contacts.
   - **Details**: Calls from Contacts Only :Shows the entry for the calling Contact.
   - **Erase**: Erase the selected call from your Missed call log.
   - **Lock/Unlock**: Protect the selected call from being erased.
   - **Erase All**: Erase all calls from your Missed call log.
   - **View Timer**: Shows the number of calls and/or the total time spent on the Last Call, Outgoing Calls, Incoming Calls, Roaming Calls, All Calls, Last Reset, and Lifetime Calls.
4. Press the **Msgs** soft key. The following options appear in the display:
   - **Text Message**: Lets you send a text message to the selected called number.
   - **Picture Message**: Lets you send a picture message to the selected called number.

Note: For more information, refer to *"Types of Messages"* on page 108.

---

5. Select an option to perform its function.

All Calls

You can review all of the calls log entries (outgoing, incoming, and missed calls) for the time and date of a call, as well as other information.

1. In standby mode, press OK for **Menu** ➔ **Calls** ➔ **All Calls**. A list of all logged calls appears in the display.
2. Highlight a call, then press **OPEN** (OK) to view further information about the call.
3. Press the **Options** soft key. A pop-up menu containing the following options appears in the display:
   - **Save**: Save the number to your Contacts.
   - **Details**: Calls from Contacts Only :Shows the entry for the calling/called Contact.
   - **Erase**: Erase the selected call from your Calls log.
   - **Lock/Unlock**: Protect the selected call from being erased.
   - **Erase All**: Erase all calls from your Calls log.
   - **View Timer**: Shows the number of calls and/or the total time spent on the Last Call, Outgoing Calls, Incoming Calls, Roaming Calls, All Calls, Last Reset, and Lifetime Calls.

4. Press the **Messages** soft key. The following options appear in the display:
   - **Text Message**: Lets you send a text message to the selected calling/called number.
   - **Picture Message**: Lets you send a picture message to the selected calling/called number.

Note: For more information, refer to *"Types of Messages"* on page 108.

---

5. Select an option to perform its function.

Call Timer

View the duration of your last call, total calls, and calls made during the life cycle of you phone using the Call Timer feature.

Note: Call Timer is not for billing purposes.

---

1. In standby mode, press OK for **Menu** ➔ **Calls** ➔ **Call Timer**. The following timers appear in the display:
   - **Last Call**: View the duration of your last call.
   - **Outgoing Calls**: View the duration of the total outgoing calls made on your phone since the last erasure.
   - **Incoming Calls**: View the duration of the total incoming calls received on your phone since the last erasure.
   - **Roaming Calls**: View the total calls duration on your phone while roaming since the last erasure.
   - **All Calls**: View the duration of the total call, incoming, outgoing, and data calls made on your phone since the last erasure.
   - **Last Reset**: View the time and date all timers were last reset.
   - **Lifetime Calls**: View the duration of all calls since your phone was activated.

2. To reset a selected counter (except Last Reset and Lifetime Calls), highlight the desired counter and press the **Reset** soft key.
3. To reset all counters except Lifetime Calls, press the **Reset All** soft key.
4. To exit the **Call Timer** list, press CLR.

Note: Although most call timers can be erased, the Lifetime call timer can never be erased.

Data Counter

View the amount of Transmit data, Receive data, and Total data transmitted or received since the last time you reset the data counters, and the Lifetime amount of data transmitted or received.

Note: Data Counter is not for billing purposes.

---

1. In standby mode, press OK for **Menu** ➔ **Calls** ➔ **Data Counter**. The following options appear in the display:
   - **Transmit**: View the total amount of data transmitted by your phone since the last reset.
   - **Received**: View the total amount of data received by your phone since the last reset.
   - **Total**: View the total amount of data sent or received by your phone since the last reset.
   - **Last Reset**: View the time and date all timers were last reset.
   - **Lifetime Data Counter**: View the total amount of data sent or received by your phone since activation (Lifetime Data Counter cannot be reset).

2. To reset a selected counter (except Last Reset and Lifetime Data Counter), highlight the desired counter and press the **Reset** soft key.
3. To reset all counters except Lifetime Data Counter, press the **Reset All** soft key.
4. To exit the **Call Timer** list, press CLR.

Note: Although most data counters can be erased, the Lifetime Data Counter can never be erased.

Section 7: Messaging

This section explains how to send or receive different types of messages. This section also describes the features and functionality associated with messaging.

Types of Messages

Your phone is able to send and receive Text messages to compatible phones and devices. Text messages can be up to 160 characters in length.

Note: Available memory is shared between all messages. You can store up to 100 messages. However, the exact number is dependent upon message length.

Creating and Sending Text Messages

1. In standby mode, press the left soft key for **Messages**, then select **Send Message** ➔ **Text Message**. The **Create Txt Msg** screen appears in the display showing the **To:** list.
2. Enter the phone number or Email address of the recipient, or press the **Add** soft key and select a Contact entry, a Contacts Group, or the originator or recipient of a recent call, then press OK. The **Text:** field appears in the display.
3. Enter the text content of your message using the keypad.
4. Press the **Options** soft key to complete the message text and set message send options. The following options appear in the display:

- **Edit Send To**: Edit the recipient's number or email address.
- **Add Quick Text**: Insert pre-composed text in your message.
- **Save As Draft**: Save the message to your Draft folder.
- **Priority Level**: Choose **High** or **Normal**.
- **Validity Period**: Enter the Date when this message will cease to be valid, then use the Left and Right navigation keys to choose the Time.
- **Deferred Delivery**: Set the date and time when this message will be delivered.
- **Delivery Ack**: Choose **On** or **Off** :Requests confirmation when your message is received.
- **Add To Contacts**: Save the recipient's number or Email address as a Contacts list entry.
- **Cancel Message**: Cancel the message, with the option to save it in the Drafts folder.

5. Once you're finished entering your message, press **SEND** (OK).

Creating and Sending Picture Messages

Picture messages can be sent to recipients with compatible phones or devices. You can even accompany a Picture message with a voice memo or preloaded sound.

Tip: You can send a Picture message to up to ten recipients. Enter each recipient's address or phone number in a separate **Send to** field of the Picture message composer.

1. In standby mode, press and hold the **Camera** key ( ) on the right side of the phone.
2. Using the display as a viewfinder, when the image that you wish to send appears in the display, press **Take** (OK) to take a picture.
3. Press **Send** (OK) to save the picture and begin the picture message delivery process.
4. Enter the phone number or Email address of the recipient and press OK .

Tip: Press the **Add** soft key to display a pop-up menu containing: **Contacts**, **Groups**, **Recent Calls**, and **OnlineAlbum**. These options allow you to find and add recipients to the **Send To:** list.

5. The **Subject** field appears in the display. Enter a subject for the Picture message using the keypad.
6. Press the Navigation key down until the **Text** field is highlighted, then enter the message text using the keypad.
7. Press the Navigation key down until the **Picture** field is highlighted. Your new picture appears in the **Picture** field.
8. Press the Navigation key down to highlight the **Sound** field, if you wish to insert a sound into your Picture message; otherwise, proceed to step 8.

   Press the **Sound** soft key. You select **Record New** to record a new sound or select from previously recorded or preloaded sounds.

   Highlight a sound and press OK.

Note: To exit the pop-up menu without inserting a sound, press CLR.

---

9. Press the **Options** soft key to complete the message text and set message send options. The following options appear in the display:

   - **Preview**: View the picture as the recipient will see it.
   - **Add Quick Text**: Add precomposed text to your message.
   - **Save As Draft**: Save the message to your Draft folder.
   - **Priority Level**: Choose **High**, **Normal or Low**.
   - **Validity Period**: Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.
   - **Deferred Delivery**: Set the date and time when this message will be delivered.
   - **Delivery Ack**: Requests confirmation when your message is received. Choose **On** or **Off**
   - **Cancel Message**: Cancel the message, with the option to save it in the Drafts folder.
   - **Remove Pic**: Remove the picture from your message.
   - **Remove Sound**: Remove the sound file from your message.
   - **Add slide**: Add a slide to the message.
   - **Add To Contacts**: Save the recipient's number or Email address as a Contacts list entry.

   Select an option to perform its function.

10. Press OK to send the message.

Creating and Sending Picture Messages in Standby Mode

Tip: You can send a Picture message to up to ten recipients. Enter each recipient's address or phone number in a separate **Send To** field of the Picture message composer.

1. In standby mode, press the left soft key for **Messages**, then select **Send Message** ➔ **Picture Message**.
2. Enter the phone number or Email address of the recipient using the keypad, then press OK.

Note: Press the Navigation key right to add CC or BCC recipients.

3. The **Subject** field appears in the display. Enter a subject for the Picture message using the keypad.
4. Press the Navigation key down until the **Text** field is highlighted, then enter the message text using the keypad.
5. Press the Navigation key down until the **Picture** field is highlighted, then press the **Picture** soft key.
6. Highlight a picture and press OK to add the highlighted picture to your message.

Note: Press the **View** soft key to expand the highlighted picture to full-screen size.

Press the **Camera** soft key to take a picture and press **Send** (OK) to add a new picture to the message.

7. Press the Navigation key down to highlight the **Sound** field, if you wish to insert a sound into your Picture message; otherwise, proceed to step 8.

   Press the **Sound** soft key. You select **Record New** to record a new sound or select from previously recorded or preloaded sounds.

   Highlight a sound and press OK.

Note: To exit the pop-up menu without inserting a sound, press CLR.

---

8. Press the **Options** soft key to complete the message text and set message send options. The following options appear in the display:
   - **Preview**: View the picture as the recipient will see it.
   - **Add Quick Text**: Add precomposed text to your message.
   - **Save As Draft**: Save the message to your Draft folder.

- **Priority Level**: Choose **High**, **Normal** or **Low**.
- **Validity Period**: Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.
- **Deferred Delivery**: Set the date and time when this message will be delivered.
- **Delivery Ack**: Requests confirmation when your message is received. Choose **On** or **Off**
- **Cancel Message**: Cancel the message, with the option to save it in the Drafts folder.
- **Remove Pic**: Remove the picture from your message.
- **Remove Sound**: Remove the sound file from your message.
- **Add slide**: Add a slide to the message.
- **Add To Contacts**: Save the recipient's number or Email address as a Contacts list entry.

Select an option to perform its function.

9. Press OK to send the message.

Receiving Messages

When you receive a message, you can choose to:

- **View Now**: Open the message for viewing.
- **View Later**: Dismiss the alert, and save the message in the Messages folders.
- **Reject**: If you have disabled the Multimedia Auto Receive setting, reject the message. The message is not saved to Messages.

Viewing a Text Message

1. After you select the **View Now** option, the new text message appears in the display.
2. While viewing your message press the **Options** soft key. The following options appear in the display:
   - **Forward**: Send a copy of this message to another recipient.
   - **Reply With Copy**: Compose and send a reply message to the originator of the received message and include a copy of the original message.
   - **Save Quick Text**: Save the text in this message as a new Quick Text.
   - **Lock/Unlock**: Block/permit erasure of the highlighted message.
   - **Add To Contacts**: Save the sender's number to your Contacts.
   - **Message Info**: Shows message delivery status, addressee, size, and so on.
   - **Extract**: Lets you call the originator of the highlighted message.
3. Select an option to perform its function.

Note: For more information on received message options, see *"Inbox"* on page 118.

Viewing a Picture Message

1. After you select the **View Now** option, "**Connecting**" appears in the display followed by "**Recieving Message**" and a progress bar indicating that the message is downloading to your phone.
2. After the Picture message has downloaded, an alert sounds, and the new Picture message appears in the display. If the message includes a sound file, the phone begins playing it.
3. While viewing your message press the **Options** soft key. The following options appear in the display:
   - **Play Again**: Play the sound file included in the picture message again.
   - **Forward**: Send a copy of this message to another recipient.
   - **Erase**: Remove this message from the folder.
   - **Lock/Unlock**: Block/permit erasure of the highlighted message.
   - **Save Pic**: Save the picture included in this message to the My Images folder.
   - **Save Sound**: Save the sound file included in this message to the My Sounds folder.
   - **Save Quick Text**: Save the text in this message as a new Quick Text.
   - **Add To Contacts**: Save the sender's number to your Contacts.
   - **Message Info**: Shows message delivery status, addressee, size, and so on.
   - **Extract**: Calls the sender of the received message.
4. Select an option to perform its function.

Message Boxes

Your phone stores messages in any one of five message boxes. The subsections that follow describe each message box in detail.

Inbox

Received messages of all types (except Voicemail) are stored in the Inbox.

1. In standby mode, press the left soft key — for **Messages**, then select **Inbox**. A list of incoming messages appears in the display.
2. Select the message that you wish to view. The contents of the highlighted message appear in the display.
3. While viewing your message press the **Options** soft key. The following options appear in the display:
   - **Chat view:**
     - **View Last Message**: Displays the most recent message exchanged with this sender/addressee in Normal mode.
     - **Add To Contacts**: Save the sender's number to your Contacts.

- **Normal view:**
  - **Forward**: Send a copy of this message to another recipient.
  - **Reply With Copy**: Compose and send a reply message to the originator of the received message and include a copy of the original message.
  - **Save Quick Text**: Save the text in this message as a new Quick Text.
  - **Lock** / **Unlock**: Block/permit erasure of the highlighted message.
  - **Add To Contacts**: Save the sender's number to your Contacts.
  - **Message Info**: Shows message delivery status, addressee, size, and so on.
  - **Extract**: Calls the sender of the received message.

4. Select an option to perform its function.

Managing Inbox Messages

1. In standby mode, press the left soft key — for **Messages**, then select **Inbox**. A list of incoming messages appears in the display.
2. Highlight a message in the list.
3. Press **Erase** to remove the highlighted message from the Inbox.
4. To access other options, press the **Options** soft key. The following options appear in the display:
   - **Reply**: Compose and send a reply message to the originator of the received message.
   - **Reply With Copy**: Compose and send a reply message to the originator of the received message and include a copy of the original message.
   - **Forward**: Send a copy of this message to another recipient.
   - **Lock/Unlock**: Block/permit erasure of the highlighted message.
   - **Add To Contacts**: Save the sender's number to your Contacts.
   - **Erase Inbox**: Delete all unlocked messages from the Inbox.
   - **Message Info**: Shows message delivery status, addressee, size, and so on.
5. Select an option to perform its function.

Outbox

Your phone stores messages in the Outbox, regardless of whether the message was successfully transmitted. Verify if and when a message or Email was successfully received by enabling the Delivery Ack feature.

Review Messages in the Outbox

1. In standby mode, press the left soft key for **Messages**, then select **Outbox**. Your list of sent messages appear in the display.
2. Highlight a message that you wish to review, then press **OPEN** (OK).
3. While viewing your message, press the **Options** soft key. The following options appear in the display:
   - **Forward**: Send the highlighted message to another recipient.
   - **Save Quick Text**: Save the message text as Quick Text for insertion into other messages.
   - **Lock/Unlock**: Block/permit erasure of the highlighted message.
   - **Add To Contacts**: Save the recipient's number to your Contacts.
   - **Message Info**: Shows message delivery status, addressee, size, and so on.
   - **Extract**: Calls recipient of this message.
4. Select an option to perform its function.

Messages and Lock Mode

Your phone can still receive messages while in Lock Mode. The time and date of the message appear in the display, but you cannot access the message until you enter the lock code.

Managing Outbox Messages

1. In standby mode, press the left soft key for **Messages**, then select **Outbox**. Your list of sent messages appear in the display.
2. Highlight a message, then press **Erase** to remove the highlighted message from the Outbox.
3. Press the **Options** soft key. The following options appear in the display:
   - **Forward**: Send the highlighted message to another recipient.
   - **Resend**: Re-send the highlighted message to the original recipient.
   - **Lock/Unlock**: Block/permit erasure of the highlighted message.
   - **Add To Contacts**: Save the recipient's number to your Contacts.
   - **Erase Outbox**: Delete all unlocked messages from the Outbox.
   - **Message Info**: Shows message delivery status, addressee, size, and so on.
4. Select an option to perform its function.

Draft Box

Messages in the Draft Box are those that have been composed but never sent. You can return to the Draft Box at any time to view, edit, or send a draft message.

Create a Draft Message

1. In standby mode, press the left soft key — for **Messages**, then select **Send Message** ➔ **Text Message**.
   The **Create Text Msg** screen screen appears in the display showing the **To:** list.
2. Enter the phone Number or Email address of a recipient, then press OK.
3. Compose your message using the keypad, then press the **Options** soft key and select **Save As Draft**. A confirmation message appears in the display and your message is saved to the Drafts box.

View and Edit Draft Text Messages

1. In standby mode, press the left soft key — for **Messages**, then select **Drafts**. A list of any draft messages that you've saved appears in the display.
2. Highlight a text message that you wish to view or edit, then press **Edit** (OK).
3. Enter or change the recipient's number and/or Email address and the message text using the keypad.
4. Press the Navigation key down until the **Text** field is highlighted, then enter the message text using the keypad.
5. Press the **Options** soft key to complete the message text and set message send options. The following options appear in the display:
   - **Edit Send To**: Change, add, or remove recipients from this message.
   - **Add Quick Text**: Insert pre-composed text into your message text.
   - **Save As Draft**: Save the message to your Drafts box.
   - **Priority Level**: Choose **High** or **Normal**.
   - **Validity Period**: Enter the Date when this message will cease to be valid, then use the Left and Right navigation keys to choose the Time.
   - **Deferred Delivery**: Set the date and time when this message will be delivered.
   - **Delivery Ack**: Choose **On** or **Off** :Requests confirmation when your message is received.

- **Add To Contacts**: Save the recipient's number or Email address to your Contacts.
- **Cancel Message**: Cancel the message, with the option to save it in the Drafts folder.

6. Select an option to perform its function.
7. When you have completed composing your message, press **Send** (OK).

View and Edit Draft Picture Messages

1. In standby mode, press the left soft key — for **Messages**, then select **Drafts**. A list of any draft messages that you've saved appears in the display.
2. Highlight a picture message that you wish to view or edit, then press **Edit** (OK).
3. Enter the phone number or Email address of the recipient using the keypad, then press OK .

Note: Press the Navigation key right to add CC or BCC recipients.

---

4. The **Subject** field appears in the display. Enter a subject for the Picture message using the keypad.
5. Press the Navigation key down until the **Text** field is highlighted, then enter the message text using the keypad.
6. Press the Navigation key down until the **Picture** field is highlighted, then press the **Picture** soft key.

7. Highlight a picture and press OK to add the highlighted picture to your message.

Note: Press the **View** soft key to expand the highlighted picture to full-screen size.

Press the **Camera** soft key to take a picture and press **Send** (OK) to add a new picture to the message.

8. Press the Navigation key down to highlight the **Sound** field, if you wish to insert a sound into your Picture message; otherwise, proceed to step 8.

   Press the **Sound** soft key. You select **Record New** to record a new sound or select from previously recorded or preloaded sounds.

   Highlight a sound and press OK.

Note: To exit the pop-up menu without inserting a sound, press CLR.

---

9. Press the **Options** soft key to complete the message text and set message send options. The following options appear in the display:
   - **Preview**: View the picture as the recipient will see it.
   - **Add Quick Text**: Add precomposed text to your message.
   - **Save As Draft**: Save the message to your Draft folder.

- **Priority Level**: Choose **High**, **Normal or Low**.
- **Validity Period**: Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.
- **Deferred Delivery**: Set the date and time when this message will be delivered.
- **Delivery Ack**: Requests confirmation when your message is received. Choose **On** or **Off**
- **Cancel Message**: Cancel the message, with the option to save it in the Drafts folder.
- **Remove Pic**: Remove the picture from your message.
- **Remove Sound**: Remove the sound file from your message.
- **Add slide**: Add a slide to the message.
- **Add To Contacts**: Save the recipient's number or Email address as a Contacts list entry.

Select an option to perform its function.

- Press OK to send the message.

10. Select an option to perform its function.
11. When you have completed composing your message, press **Send** (OK).

Managing Draft Messages

1. In standby mode, press the left soft key — for **Messages**, then select **Drafts**. A list of any draft messages that you've composed appears in the display.
2. Highlight a message.
3. To remove the highlighted message from the Drafts box, press the **Erase** soft key. You are prompted to confirm erasure of the highlighted draft message.
   - To erase this draft message, press the **Yes** soft key.
   - To keep this draft message in your Drafts box, press the **No** soft key.
4. For other options, press the **Options** soft key. The following options appear in the display:
   - **Send**: Send the highlighted message to the original recipient, if the recipient's number and/or Email address is included with the draft message.
   - **Lock/Unlock**: Block/permit erasure of the highlighted message.
   - **Add To Contacts**: Save the recipient's number and/or Email address to your Contacts.
   - **Save Quick Text**: Save the message text as Quick Text for insertion into other messages.
   - **Erase Drafts**: Delete all unlocked draft messages.
5. Select an option to perform its function.

Voicemail

New messages in your voice mailbox are indicated by the voicemail icon ( ) and are logged in the Voicemail box of the Messages menu. Open the Voicemail box to view the Callback # (if available), Urgency, and other details of the Voicemail message.

Listen to Voicemail Now

Once you've received a new voicemail message, you have the option to either:

- **Listen Now**: Calls your voice mailbox and allows you to listen to your messages.
- **Listen Later**: Returns you to standby mode where you can later choose to call your mailbox and review your messages.

Select an option to perform its function.

Listen to Voicemail Later

If you choose to review your voicemail messages at a later time:

1. In standby mode, press the left soft key for **Messages**, then select **Voicemail**. The **Voicemail** screen appears in the display, showing the number of new voicemail messages received and the date and time the latest message was received.
2. Press or OK to call your voice mailbox and listen to the message.

Note: You can also press and hold 1@ to dial your voice mailbox.

Erase Messages

Using Erase Messages, you can erase all of the messages in each of your boxes from one convenient location.

Note: This function erases all messages in a selected box. To delete a single message, open the box from the **Messages** menu, highlight a message, open the message if you want, then press **Erase** to delete it.

---

1. In standby mode, press the left soft key for **Messages**, then select **Erase Messages**.

   The following options appear in the display:

   - **Inbox**: Deletes all unlocked messages stored in the Inbox.
   - **Outbox**: Deletes all unlocked messages stored in the Outbox.
   - **Drafts**: Deletes all unlocked messages stored in the Drafts box.
   - **All Messages**: Deletes all unlocked messages stored in all of the message boxes, except Voicemail.

2. Select the messages that you wish to delete. You're prompted to confirm the erasure of all messages in the selected box or in all boxes.
3. To delete the messages, press the **Yes** soft key. To cancel deleting the messages, press the **No** soft key.

Message Settings

Use the **Msg Settings** sub-menus to define general settings and text message settings.

General Message Settings

1. In standby mode, press the left soft key for **Messages**, then press **Msg Settings** → **General**. The following options appear in the display:
   - **Auto Save**: Choose whether your messages are saved automatically when you exit them (**On**, **Off**, **Prompt**).
   - **Auto Erase**: Choose to receive (**On**) or not receive (**Off**) a warning message when you delete a message.
   - **Quick Text**: Edit your pre-composed messages, which can then be inserted into new messages.
   - **Voicemail #**: Edit or view your Voicemail number.
   - **Entry Mode**: Choose the default method for entering text into messages (**T9 Word**, **Abc**, **ABC**, **123**).
   - **Callback #**: Choose whether to include a callback phone number with your outgoing messages, and enter the number to be included.
   - **Signature**: Choose whether to include a text signature in outgoing message text, and enter the text to be included.
   - **Reminder**: Select whether and how often you will hear and/or feel a reminder that you have received a message (**Once**, **Every 2 Minutes**, **Every 15 Minutes**, **Off**).
2. Select the desired option to enter the highlighted option's sub-menu.

Editing and Entering Quick Text

1. In standby mode, press the left soft key — for **Messages**, then select **Msg Settings** ➔ **General** ➔ **Quick Text**. The **Quick Text** sub-menu appears in the display.
2. To create a new Quick Text:
   - Press **New**.

Tip: You can also create new Quick Text by viewing/editing an Outbox or Drafts message and using the **Save Quick Text** option in the **Options** menu. (For more information, refer to *"Review Messages in the Outbox"* on page 121)

   - Enter/change the text content of your Quick Text using the keypad.
   - Once you're finished entering your Quick Text, press OK. The Quick Text menu appears in the display with your new Quick Text highlighted.
3. To change a Quick Text:
   - Highlight a Quick Text you want to change, then press **Edit** (OK). (You cannot change the pre-defined Quick Text included with your phone.)

Note: You cannot change or erase pre-loaded Quick Texts.

   - Enter/change the text content of your Quick Text using the keypad.
4. To erase a Quick Text:
   - Highlight a Quick Text you want to erase, then press **Erase**. You are prompted to confirm erasure of the highlighted Quick Text.
   - To erase the highlighted Quick Text, press **Yes**. To keep it, press **No**.

Text Message Settings

1. In standby mode, press the left soft key — for **Messages**, then select **Msg Settings** ➔ **Text Message**. The following options appear in the display:
   - **Auto View**: With Auto View On, the full content of a text message appears in the display as the messages is received.
   - **Signature**: Create a signature, which can be included at the bottom of outgoing message text.
   - **Auto Scroll**: With Auto Scroll On, the full content of a text message automatically rolls upward on the display, one screen-full at a time.
   - **Message View**: With Message View set to **Chat**, series of text messages exchanged with one other phone appear in the display as a chat session.
2. Select the desired option to enter the highlighted option's sub-menu.

Picture Message Settings

1. In standby mode, press the **Msgs** soft key, then select **Msg Settings** ➔ **Picture Message**. The following options appear in the display.
   - **Auto Receive**: With Auto Receive **On**, Picture messages automatically download and display as they are received. With Auto Receive **Off**, you are prompted to download Picture messages.
   - **Signature**: Create a signature, which can be included at the bottom of outgoing Picture message text.
2. Select the desired setting to enter the highlighted option's sub-menu.

Section 8: Web

Web

Your phone is equipped with a Web, which allows you to access the internet.

- In standby mode, press OK for **Menu** ➔ **Web** .

Easyedge

easyedgeSM, allows you to download multimedia, applications, games, and check news and sports. For more information, refer to *"easyedge"* on page 137.

- In standby mode, press OK for **Menu** ➔ **easyedge** . The **easyedge**SM screen appears in the display with the **easyedge**SM **shop** tab showing.

Tone Room

Tone Room Deluxe enables you to access the latest and hottest content from your favorite artists for ringtones and ringback tones from your phone or the Web. This easy to use service features a music catalog with tens of thousands of titles for you to discover. Personalize your experience and express yourself by subscribing to Tone Room Deluxe and using ringback tones to customize music for your friends and family to hear when they call you.

Tone Room Deluxe will allow you to buy a la carte ringtones or a subscription which provides access to the Tone Room Deluxe ringback service along with new credits that you can use each month to download ringtones or acquire ringback tones. If you want more, additional content can be purchased at a discount when you exhaust your monthly credits.

- In standby mode, press OK for **Menu** ➔ **Tone Room** . The **Tone Room** screen appears in the display.

Section 9: easyedge

With **easyedge**SM, you can download multimedia, applications, games, and check news and sports.

Tip: You can access **easyedge**SM **Games** home page directly from standby mode by tapping the **Menu** soft key, then selecting **Games**.

Note: **easyedge**SM from U.S. Cellular is only available on approved phones and requires an **easyedge**SM data plan.
Visit **www.uscellular.com/easyedge** or call U.S. Cellular customer service (by dialing 611 on your phone) and ask about **easyedge**SM.

easyedgeSM

With **easyedge**SM, you can download full featured applications over the air including games, personalized ring tones, pictures, and more.

- In standby mode, press OK for **Menu** → **easyedge** . The **easyedge**SM screen appears in the display with the **easyedge**SM **shop** tab showing.

  The **easyedge**SM **shop** tab lets you locate, purchase (when required), and download an application, ringtone, or other multimedia files.

Launching an Application

1. In standby mode, press OK for **Menu** ➔ **easyedge** . The **easyedge**SM screen appears in the display with the **easyedge**SM **shop** tab showing.
2. Press the Right Navigation key.

   The **my stuff** tab shows, listing any applications (apps) you have downloaded.
3. Highlight the application you wish to run, then press OK.

Finding and Downloading Applications

1. In standby mode, press OK for **Menu** ➔ **easyedge** . The **easyedge**SM screen appears in the display with the **easyedge**SM **shop** tab showing.
2. Follow the prompts to locate, purchase (when required), and download an application, ringtone, or other multimedia files.

Section 10: Multimedia

This section outlines your phone's multimedia functions and key features associated with multimedia.

Multimedia

- In standby mode, press OK for **Menu** ➔ **Multimedia** . The following sub-menus appear in the display:
  - **Camera**: Lets you launch and set up your phone's camera
  - **My Images**: Lets you choose the pictures that appear in your phone's display or in picture messages.
  - **My Ringtones**: Lets you assign ringtones for Ringtone (calls), Contact ID, and Alert Tone.

Tip: To launch the Multimedia menu using a voice command :In standby mode, press and hold until the phone prompts, "**Say a command.**" Say "**Go to Multimedia**" into the microphone.

Camera

Use your Samsung Chrono™ to take full color digital pictures, display them on your phone's vivid color display, and instantly share them with family and friends. It's fun, and as easy to use as a traditional point-and-click camera. This section explains how you can do the following:

- Take pictures with your phone's built-in digital camera.
- Send your pictures to others in Picture messages.

Set the several options associated with the camera that help you take crisp, clear pictures.

Taking Pictures

Taking pictures with the built-in camera is as simple as launching the camera, choosing a subject, pointing the lens (located on the front of your phone's flip, near the hinge), and pressing a button.

1. In standby mode, press and hold the **Camera** key ( ) on the right side of the phone. The message "**Please, Wait...**" appears in the display followed by a camera view finder screen.

Note: You can also activate the camera by pressing OK for **Menu**, then selecting **Multimedia** ➔ **Camera**.

---

2. Using the display as a viewfinder, point the camera lens (on the front of the flip, near the hinge) at your subject.
3. When the image that you wish to capture appears in the display, press **Take** (OK).
4. To save the picture to memory, press the **Save** soft key.

   To erase the photo, press the **Cancel** soft key.

Tip: You can change a number of the camera's settings to suit particular uses for your pictures. See *"Camera Options"* on page 142 for more information.

Camera Options

The Camera Options let you adjust default camera settings to suit available lighting, the subject of the photo, or the purpose of the photo, for the current camera session. When you exit the camera, your Camera Options values revert to their default values.

To access Camera Options, do the following:

1. In camera mode, press the **Options** soft key. The Camera Options menu appears in the display, containing the following sub-menus:

Shot Type: Allows you take multiple photos or shots in succession at the touch of a key and/or add colorful frames to your photos.

Resolution: Allows you change the clarity (in pixels) and size (in bytes) of your pictures.

Night Shot: Allows you take pictures in low light conditions.

Self Timer: Allows you delay taking a picture long enough to let you join others in a picture.

Quality: Allows you to select how much your photo is compressed, thereby reducing it's overall size (not to be confused with resolution).

White Balance: Allows you to adjust picture quality according to available light

Color Effect: Allows you to change the look of your pictures. Choose from six available settings The selected color effect previews in the display before you take the picture.

Settings: Returns camera to default settings.

- **Auto Save**:Set to On to automatically save pictures to the Gallery.
- **Icon Display**: Displays icon in the view finder. Choose from Display All, Guidelines, or No Icons
- **View Mode**: Choose Landscape or Portrait for previewing pictures.
- **Shutter Sound**: Choose a sound to play when the photo is taken. Choose from Off, Shutter, OK, Ding Dong or Shutter Sound.
- **Reset Settings**: Returns the camera to its default settings.

My Images

My Images lets you choose the pictures that appear in your phone's display while in standby mode (Wallpaper) and as picture IDs for your contacts.

1. In standby mode, press OK for **Menu** ➔ **Multimedia** ➔ **My Images**. A matrix of thumbnail images of your pictures appears in the display.
2. Highlight a picture, then press OK to expand the highlighted picture to fill the screen.
3. Press the **Options** soft key.

   A pop-up menu containing the following options appears in the display:

   - **Send**: Lets you send the selected image to a specified recipient in a Picture message.
   - **Online Album**: Send a copy of the highlighted picture to your Album on your Wireless Carrier's server (using a Picture message).
   - **Set As**: Lets you assign the selected picture as the **Main Wallpaper**, as the **Picture ID** for a Contact, or as the **Front Wallpaper**.
   - **Erase Images**: Erases one or more selected pictures.
   - **Rename**: Lets you rename the picture.
   - **Lock/Unlock**: Lets you prevent/permit picture deletion.
   - **Slide Show**: Allows you to view your images in a slideshow.
   - **Image Info**: Displays information about the picture, such as the picture **Name**, creation **Date** and **Time**, **Resolution**, and the data **Size**.

4. Highlight and press OK to select the desired option.
5. To return to the previous menu, press CLR. To return to standby mode, press .

My Ringtones

My Ringtones lets you assign ringtones (preloaded and downloaded) for Ringtone, Contact Id, and as Alert Tone.

1. In standby mode, press OK for **Menu** ➔ **Multimedia** ➔ **My Ringtones** and a list of ringtones appears in the display.
2. Use the Navigation key to highlight a ringtone.
   - Press OK to **Play** the ringtone.
   - Press the **Options** soft key ➔ **Ringtone Info** to show the Title, File Size and File Type.
   - Press the Set As soft key to assign the highlighted ringtone. Press OK to select the highlighted option.
     - **Ringtone**: Lets you assign the selected ringtone to incoming voice calls.
     - **Contact ID**: Lets you assign the selected ringtone as the distinctive ringer for a Contact.
     - **Alert Tone**: Lets you assign the selected ringtone to **All Msg**, **Text Msg**, **Picture Msg**, or **Voicemail Msg**.

3. When using a downloaded ringtone, press the **Options** soft key and the following options appear in the display:
   - **Lock/Unlock**: Lets you prevent/permit file deletion
   - **Erase**: Erases the selected file.
   - **Rename**: Lets you rename the selected file.
   - **Ringtone Info**: Displays information about the selected file, such as the file name, the file type, and the data size .
4. Select the desired option.
5. To return to the previous menu, press CLR. To return to standby mode, press .

Record New Voice Memo

You can use your phone to record voice memos for later playback. You can also record the caller on the other end of the line during a phone conversation.

Note: The maximum length for a single voice memo is 60 seconds.

Record a Voice Memo

1. In standby mode, press OK for **Menu** ➔ **Multimedia** ➔ **My Ringtones** ➔ **Record New**. The **Record New** screen appears in the display.
2. Press **Rec** (OK), then start speaking. As it is recording the phone displays a countdown timer that shows the seconds remaining for the recording.
   - To pause the memo, press the **Pause** soft key. When a memo is paused, select **Resume** to continue recording.
3. Press OK once you're finished recording. The new recording is automatically saved.

Review Voice Memos

If you've saved any voice memos, you can review them anytime.

1. In standby mode, press OK for **Menu** ➔ **Multimedia** ➔ **My Ringtones**. A list of sound files appears in the display.
2. Use the navigation keys to highlight the voice memo you wish to review.
3. Press OK to play the voice memo.
   - To stop the memo, press OK. Press OK again to restart playing the memo.

   When the voice memo finishes playing, the selected voice memo remains highlighted in the list of sound files.

Erase a Voice Memo

1. In standby mode, press OK for **Menu** ➔ **Multimedia** ➔ **My Ringtones**. A list of sound files appears in the display.
2. Use the Navigation keys to highlight the voice memo you wish to erase.
3. Press the **Options** soft key ➔ **Erase** ➔ "**Erase Ringtone?**" appears in the display.

   Press the **Yes** soft key to erase the selected voice memo or press the **No** soft key to return to the list of sound files.

Section 11: Tools

This section explains how to use your phone's digital assistant functionality to schedule events, set reminders, perform calculations, and more.

Tools Menu

Tools is a suite of Personal Information Manager (PIM) applications such as a Calendar, and Memo Pad that run on your phone. You can use your phone to schedule events, set reminders, perform calculations, and more with the functions provided by this useful feature.

- In standby mode, press OK for **Menu** ➔ **Tools** . The following sub-menus appear in the display:
  - **Bluetooth**: Lets you access Bluetooth functions.
  - **Voice SVC**: Lets you access voice recognition functions.
  - **Memo Pad**: Lets you store and review useful information.
  - **Alarm Clock**: Lets you set an alarm to go off once, or daily, at a specified time.
  - **World Time**: Lets you view the current time of day or night in another part of the world.
  - **Calculator**: Lets you perform calculations, including addition, subtraction, multiplication, and division.
  - **Stop Watch**: Lets you view the amount of time.
  - **Converter**: Lets you convert currencies (according to the latest rates) and weights, measures, and temperatures from one system or increment to another.
  - **Tip Calculator**: Lets you quickly calculate service gratuities with a minimum of key presses.

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without requiring a physical connection.

Unlike infrared, you don't need to line up the devices to beam information with Bluetooth. If the devices are within a range of one another, you can exchange information between them, even if they are located in different rooms.

The **Bluetooth** wireless technology settings menu provides the ability to view and change the device name, show the visibility, and set the security for the device.

Turn Bluetooth On/Off

When your phone's Bluetooth function is turned on, you can use the Bluetooth features available. When the Bluetooth function is turned off, you cannot send or receive information via Bluetooth.

To save battery life or in situations where Bluetooth use is prohibited, such as airline traveling, you can turn off the Bluetooth wireless technology function.

(For more information, refer to *"Bluetooth Settings"* on page 154.)

Add New Device

To search for available Bluetooth devices:

1. In standby mode, press OK for **Menu** ➔ **Tools** ➔ **Bluetooth** ➔ **Registered List** ➔ **Add New Device**.

   If Bluetooth is off, you are prompted to "**Turn Bluetooth on?**".

   - To turn Bluetooth on, press the **Yes** soft key.
   - To leave Bluetooth off, press the **No** soft key.

   "**Place device you are connecting to in discoverable mode**" appears in the display.

2. Place the Bluetooth device in discoverable mode. (For more information, refer to the device user manual.)
3. Press OK. Names of the available devices appears in the display.
4. Highlight the device you want to pair with your phone.
5. Press **Pair** (OK) to pair the selected device with the phone. You are prompted to enter the passkey or PIN for the selected device. (For more information, refer to the device user manual.)

Note: If you are pairing with another handset, both devices prompt you to enter a PIN. To pair the two handsets, enter the same PIN on both devices.

---

6. Enter the device passkey or PIN and press OK. The Bluetooth function pairs with the selected device, then prompts you to confirm that you want to connect with the device now.
   - To connect with the device now, press the **Yes** soft key.
   - To connect with the device at a later time, press the **No** soft key.

Registered List

Registered List provides a list of Bluetooth wireless technology devices previously connected to your handset.

▶ In standby mode, press OK for **Menu** ➔ **Tools** ➔ **Bluetooth** ➔ **Registered List**. The **Bluetooth** screen appears in the display showing a list of devices previously connected to your device.

Connecting to a Bluetooth Device

From the Registered List,

▶ Select the desired device.

Note: If you are unable to pair with the device a pop-up appears in the display. To retry, press the **Yes** soft key.

Bluetooth Settings

1. In standby mode, press OK for **Menu** ➔ **Tools** ➔ **Bluetooth** ➔ **Bluetooth Settings**. The following options appear in the display:
   - **Enable/Disable**: Turns Bluetooth on or off.
   - **Discovery Mode**: Lets other devices "see" (access) your device. Select **On** for other devices to see your device, or **Off** for no visibility.
   - **Device Name**: Shows the handset name. You may change this name. Enter text changes and press OK to save them.
   - **Supported Profiles**: Lists and explains the Bluetooth profiles supported by your phone.
   - **Device Info**: Shows the Bluetooth Type, Status, and Address of your phone.
2. Select the desired option to perform the related process.

Calendar

Calendar lets you view the current, past, or future month in a monthly calendar layout. While viewing the calendar, the current date is highlighted and days with scheduled events are surrounded by a box.

View an event

1. In standby mode, press OK for **Menu** ➔ **Tools** ➔ **Calendar**.

   A calendar appears in the display with the current date highlighted. The month and year also appear.

2. Use the following keys to navigate your calendar and highlight a desired date.
   - To move from one day to another, use the Left/Right navigation keys.
   - To move from one week to another, use the Up/Down navigation keys.

- To view previous months, press the Volume key Up.
- To view future months, press the Volume key Down.
- To access other options, press the **Options** soft key while viewing the calendar. The following options appear in the display:
  - **Go To Date**: Lets you jump to any date you specify.
  - **Go To Today**: Lets you jump to today's date.
  - **Erase Old**: Lets you erase past events.
  - **Erase All**: Lets you erase all events.

  Select the desired option to perform the related process.

3. Open the highlighted date by pressing OK. A list of scheduled events appears in the display.
4. Select the desired event. Information for the selected event appears in the display.

Add a New Event

1. In standby mode, press OK for **Menu** ➔ **Tools** ➔ **Calendar**.

   A calendar appears in the display with the current date highlighted. The month and year also appear.
2. Highlight the date of the new event.
3. Press the **Add** soft key. The **New Event** screen appears in the display, use the Navigation Keys to highlight each field, then enter the details with the keypad:
   - **Appointment Name**: Enter the name of the event.
   - **Start Date**: Enter the start date for the event.
   - **Start Time**: Enter the start time. Press the Directional Key to set am or pm.
   - **End Date**: Enter the end date for the event.
   - **End Time**: Enter the end time. Press the Directional Keys to set am or pm.
   - **Recurrence**: Press the Directional Key to set the frequency of the event.
   - **Alert**: Press the Directional Key to choose an alert tone.
   - **Reminder**: Press the Directional Key to set a reminder of the event.
   - **Alert time**: Press the Directional Key to set an alert to sound before the event.
4. To store the event in your calendar, press **Save** (OK).

Memo Pad

You can create a notes and store them in Memo Pad. You can't prioritize or set an alert for stored notes. Return to Memo Pad anytime you wish to review and edit your notes.

Add a Memo

1. In standby mode, press OK for **Menu** ➔ **Tools** ➔ **Memo Pad**. If you have any stored memos, they appear as a list in the display. If this is your first time in **Memo Pad**, "**No memos**" appears in the display.
2. To add a new memo, press the **Add** soft key.
3. Enter memo text using the keypad.
4. When you're finished entering memo text, press OK to save the memo.

View, Edit, and Erase Memos

1. In standby mode, press OK for **Menu** ➔ **Tools** ➔ **Memo Pad**. A list of your stored memos appears in the display.
2. Highlight the desired memo.
3. To view the memo, press **View** (OK).
4. To edit the memo you are viewing, press the **Edit** soft key.

   Enter text changes using the keypad.
5. To erase the memo you are viewing, press the **Options** soft key, then select **Erase**. You are prompted to verify the erasure.
   - To erase the memo, press the **Yes** soft key.
   - To keep the memo, press the **No** soft key.

Alarm Clock

Your phone has an alarm clock that can be set to go off once, or daily at a specified time. Once set, the alarm clock is easy to change or turn off completely.

Note: The alarm doesn't function when the phone is turned off. If the time for an alarm that was set for Once has elapsed and the phone is off, the alarm occurs at the same time on the following day.

---

1. In standby mode, press OK for **Menu** ➔ **Tools** ➔ **Alarm Clock**.
2. Press the **Add** soft key to add an alarm. The Set Alarm1 screen appears in the display containing the following options:
   - **Alarm**
   - **Time**
   - **Frequency**
   - **Ringer**
3. Highlight the options you wish to change, then select values for the options using the Left and Right navigation keys. To enter the Time for the alarm, use the keypad.
4. When you're finished entering and selecting values for the alarm, press OK. The alarm is set and the alarm icon ( ) appears in the top of the display.

When an Alarm Sounds

An animated alarm clock appears in the display with the options **Snooze** or **Dismiss**, and an alert sounds when the specified time for the alarm arrives.

▶ To silence the alarm, use the Navigation key to select **Dismiss**.

- If the alarm was set as a Daily alarm, the alarm icon remains in the top of the display.
- If the alarm was set as a Mon.-Fri., the alarm icon remains in the top of the display.
- If the alarm was set as a Weekends only alarm, the alarm icon remains in the top of the display.
- If the alarm was set as a Once only alarm, the alarm icon disappears from the top of the display.

Turn Off the Alarm

Turning off an Alarm stops it from sounding when the set time is reached while retaining the Alarm settings for your reuse.

1. In standby mode, press OK for **Menu** ➔ **Tools** ➔ **Alarm Clock**.
2. Highlight an alarm and press the **Options** soft key and select **Off**. The highlighted Alarm is turned off, but the alarm settings are retained for later reuse.

Reset the Alarm

Resetting one or all Alarms erases all of your Alarm settings and restores the default settings.

1. In standby mode, press OK for **Menu** ➔ **Tools** ➔ **Alarm Clock**.
2. Press the **Options** soft key. Select from the following options:
   - **On/Off** :Enables or disables the highlighted Alarm, using current settings.
   - **Add new alarm**: Select to add a new alarm.
   - **Erase this alarm**: Select to erase the highlighted alarm.
   - **Erase All**: Select to erase more than one alarm.

World Time

World Time lets you view the time of day or night in another part of the world. World Time displays time in the 24 different time zones around the world.

1. In standby mode, press OK for **Menu** ➔ **Tools** ➔ **World Time**. A world map appears in the display.
2. To display the time zone and city that you wish to view, press the Navigation key Left or Right.

   – or –

   Press the **Options** soft key and select **Go to City**, then press the Navigation key or the Volume key Up or Down.
3. Do one of the following:
   - To show Daylight Savings Time (DST) for the displayed time zone:
     - Press the **DST On** soft key (the DST on icon ( ) appears)
     - Press the **DST Off** soft key to display standard time.
   - To set the displayed time zone as the home time zone for your phone, press the **Options** soft key and select **Set as home zone**. You are prompted to confirm the Home Zone change. To save your change, press the **Yes** soft key. The home zone marker moves to the displayed time zone.
   - To keep the displayed time zone as a second, default time zone, press OK. You are returned to the **Tools** menu.
   - To discard the displayed time zone and close the World Time screen, press CLR. You are returned to the **Tools** menu.

Calculator

You can perform calculations, including addition, subtraction, multiplication, and division using your phone.

1. In standby mode, press OK for **Menu** → **Tools** → **Calculator**. The **Calculator** appears in the display.
2. Enter the first number in your calculation using the keypad (numbers can be up to nine digits long).
   - To enter a decimal point, press *+↑. (Calculator only accepts 2 digits after a decimal point.)
   - To change the sign for a number to a negative, press #.
3. Use the Navigation key to set the type of calculation that you wish to perform. Your choices are as follows:
   - **Up** navigation key: [**x**] Multiplication
   - **Left** navigation key: [**-**] Subtraction
   - **OK** key: [**=**] Equals/Total
   - **Right** navigation key: [**+**] Addition
   - **Down** navigation key: [÷] Division

   For nested operations [such as (1.81 + 9.34) / 5.22] and to calculate powers (such as 3^2), press the **Operator** soft key. The following options appear in the display:
   - **(**: Beginning of nested operation
   - **)**: Ending of nested operation
   - **Power**: Raise the current number to the power of your next entry

4. Use the keypad to enter the next number in your calculation.
5. Repeat steps 3 and 4 as needed.
6. To perform the calculation and view the result, press OK.

   To clear your last operation or number entry, press CLR.

   To clear all of your entries, press the **Clear** soft key.

Stop Watch

You can use this menu to set a stop watch.

1. In standby mode, press OK for **Menu** ➔ **Tools** ➔ **Stop Watch**.
2. Press OK to **Start/Stop** stopwatch count.
3. Press the **Record** soft key to record splits.
4. Press the **Reset** soft key to erase all stop watch (lap) times recorded.

Converter

Convert values you enter into selected units.

1. In standby mode, press OK for **Menu** ➔ **Tools** ➔ **Converter**.
2. Use the Navigation Keys to highlight a conversion type, then press OK:
   - **Currency**
   - **Length**
   - **Weight**
   - **Volume**
   - **Area**
   - **Temperature**
3. Use the Left and Right Navigation Keys to select the unit to be converted **From**.
4. Highlight the **From** quanity field. Use the keypad to enter the quantity you want converted in the **From** quantity field.
5. Highlight the **To** unit field. Use the Left and Right navigation keys to select the units to be converted **From** and **To**. The converted quantity appears in the **To** quantity field.

Note: To include a decimal point, press *+↑.

Tip Calculator

Tip Calculator automatically calculates the following amounts:

- **Gratuity (tip)**
- **Individual payment (for groups)**

Calculations are based on the total amount of the check, a selected percentage, and the number of people paying.

1. In standby mode, press OK for **Menu** ➔ **Tools** ➔ **Tip Calculator**. The Tip Calculator screen appears in the display with the **Bill** field highlighted.
2. Use the keypad to enter the total amount of the bill.

Note: To include a decimal point, press *+↑.

---

3. If needed, highlight the **Tip** field and use the keypad to change the tip percentage.
4. If needed, highlight the **# Paying** field and use the keypad to change the number of persons paying.
5. The amount of the Tip, the bill Total, and the amount each person should pay appear in the lower half of the screen.

Section 12: Changing Your Settings

This section explains how to customize your phone's settings to suit your needs and preferences.

Settings

▶ In standby mode, press OK for **Menu** ➔ **Settings** .

Location

This function identifies your location to the network via the Global Positioning System (GPS). You can set this function for continuous operation or to operate only in the event that you dial 911.

Note: Contact U.S. Cellular to determine whether, when, or where location-based services are available.

---

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Location**.

   The following options appear in the display:

   - **Location On**: GPS location is on whenever you make or receive a call, wherever the feature is available.
   - **911 Only**: GPS location is on only when you dial 911.

2. Select the desired Location setting. You're returned to the **Settings** menu.

Display Settings

This section shows you how to change your phone's menu appearance, display brightness and contrast, and display content to better meet your needs.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Display Settings**. The **Display Settings** menu appears in the display.

Wallpaper

Wallpaper lets you choose the images that appear in the background of your phone's front and main displays while your phone is closed or in standby mode.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Display Settings** ➔ **Wallpaper**.

   The following options appear in the display:

   - **Main Display**
   - **Front Display**

2. Select the Display whose Wallpaper you wish to change. The following options appear in the display:

   - **My Images**: Lets you select a photo you've taken or an image that you've downloaded from the Internet as a wallpaper image.
   - **Preset Images**: Lets you select an image that came preloaded with your phone as a wallpaper image.

3. Select the image type that you wish to use. An array of images appears in the display.
4. Select the image that you wish to use to save your selection.

Clock Format

Clock Format lets you choose the format your phone will use to present the current time in your phone's front and main displays while your phone is closed or in standby mode.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Display Settings** ➔ **Clock Format**.

   The following options appear in the display:

   - **Main Clock**
     - Samsung
     - Digital
     - Analog
     - Off
   - **Front Clock**
     - Samsung
     - Digital
     - Analog
2. Select the desired clock format.

Theme

Lets you select the color theme used to display menu screens and popup menus and messages. You can choose from a variety of themes.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Display Settings** ➔ **Theme**. The following options are available:
   - **Samsung**
   - **Celestial**
2. Use the Navigation key to show the available Themes (which appear in the preview screen), then press OK to save the displayed Theme setting.

Dialing Font Size

Lets you select the size of your dialing font.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Display Settings** ➔ **Dialing Font Size**.

   The following options appear in the display:
   - **Normal**
   - **Large**
2. Select the desired setting.

Banner

Create your own personalized greeting that appears in the display while your phone is in standby mode.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Display Settings** ➔ **Banner**.

Tip: Press and hold CLR to erase an existing banner, if necessary.

---

2. Enter a word or short phrase to appear in your phone's display while in standby mode (Up to 16 characters).
3. Press OK to save the new banner.

Backlight

You can set the backlight for your display or keypad to remain on for a specified period of time or remain on as long as the folder is open.

Note: Prolonged backlight use drains your battery faster.

---

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Display Settings** ➔ **Backlight**. The following sub menus appear in the display:
   - **Main Display**: Sets the time the internal display backlight remains on after a period of inactivity. Optional settings are: **10 seconds**, **15 seconds**, **30 seconds**, **Always On**, and **Always Off**.
   - **Keypad**: Sets the amount of time the keypad backlight remains on after a period of inactivity. Optional settings are: **10 seconds**, **15 seconds**, **30 seconds**, **Always On**, and **Always Off**.

- **Charging**: Sets the brightness of the backlight when the device is charging.
- **Brightness**: Sets the brightness of the backlight to one of five possible settings.

2. Select the desired sub menu, then select the desired setting.

Front Contrast

Front Contrast lets you choose the display contrast to suit yourself.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Display Settings** ➔ **Front Contrast**.
2. Use the Left/Right navigation keys to sample any of the 51 display contrast settings from **-50** to **+50**. The screen shows the effects of each new setting.
   - To save the new setting and return to the **Display Settings** menu, press OK.
   - To return to the **Display** menu and discard the new setting, press CLR.

Sound Settings

This section shows you how to customize your phone's audio properties, such as ringers, keypad tones, alerts, shut down sounds, and more.

- In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Sound Settings**. The **Sound Settings** menu appears in the display.

Master Volume

Use the **Volume** sub-menu to set the default volume for incoming calls and alarms.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Sound Settings** ➔ **Master Volume**.
2. Use the Navigation key or the Volume key (on the left side of your phone) to change the volume level (**Silence All**, **Vibrate**, **Low**, **Low/Medium**, **Medium**, **Medium/High**, **High**)

Tip: To preview the selected ringtone or alert tone while adjusting the volume setting, press the **Play** soft key.

---

3. Press OK **SET** to save.

Ringer Type

You can assign ring tones for calls, alarms, and other alerts in the **Ringer Type** sub menu.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Sound Settings** ➔ **Ringer Type**. The following Ringer Types appear in the display:
   - **Voice Calls**
   - **Messages**
     - **Text Message**
     - **Picture Message**
     - **Voicemail**

Note: Your phone includes preloaded ringtones and sounds. You can download additional ringtones and sounds using **easyedge**SM.

You can record your own sounds by accessing **My Ringtones** through the **Multimedia** menu. Select **Menu** ➔ **Multimedia** ➔ **My Ringtones** ➔ **Record New**. (For more information, refer to *"Record New Voice Memo"* on page 147.)

---

2. Select the desired option. A list of ringtones or sounds appears in the display.
3. Use the Navigation key to scroll through the ringtones and sounds for the preferred ringer.
   - To play each ringtone or sound, press the **Play** soft key.
   - To save the desired ringtone or sound selection, press OK.

Alerts

You can set your phone to sound an alert whenever you enter or leave your service area, connect or disconnect a call, and other options.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Sound Settings** ➔ **Alerts**. The following options appear in the display:
   - **Minute Beep**: Sound an alert ten seconds before each elapsed minute of a call.
   - **Roam/SVC Alert**: Sound an alert when you leave your home service area while on a call.
   - **Call Connect**: Sound an alert when you connect a call.
   - **Power On/Off**: Play melodies when you turn your phone on or off.
   - **Voice Privacy Alert**: Sounds an alert when Voice Privacy is enabled.
2. Select the desired option. The following settings appear in the display:
   - **On**
   - **Off**
3. Select the desired setting.

Key Tone

Key Tone allows you to adjust the volume level and length of the tone that the keypad generates each time you press a key.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Sound Settings** ➔ **Key Tone**.

   The following options appear in the display:

   - **Tone Level**
   - **Tone Length**

2. Select the desired option.
   - If you select **Tone Level**:
     - To set the keypad Tone Level, use the Volume key or Navigation key.
     - To save your Tone Level setting, press OK. You are returned to the **Key Tone** sub-menu.
   - If you select **Tone Length**:
     - Select **Short** or **Long**. You are returned to the **Key Tone** sub menu.

Call Settings

The Call Settings options let you select how your phone handles voice and data calls.

- In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Call Settings**. The **Call Settings** sub-menu appears in the display.

Call Answer

You can select a specific answer mode when you receive an incoming call.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Call Settings** ➔ **Call Answer**. The **Call Answer** sub-menu with the following options appears in the display:
   - **Any Key**: Press any key except the , , or Left soft key to answer an incoming call.
   - **Send Key**: Press to answer an incoming call.
   - **Flip Open**: Open the flip to answer an incoming call.

Tip: You can set your phone to answer calls automatically, without any input from you. (For more information, refer to *"Auto Answer"* on page 180.)

---

2. Select the method you wish to use for answering calls.

Auto Answer

Auto Answer enables your phone to automatically answer calls after a period of time that you specify.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Call Settings** ➔ **Auto Answer**. The following options appear in the display:
   - **Off**: Disables automatic answering of calls
   - **After 1 Second**: Phone automatically answers calls after 1 second
   - **After 3 Seconds**: Phone automatically answers calls after 3 seconds
   - **After 5 Seconds**: Phone automatically answers calls after 5 seconds
2. Select the desired setting.

Auto Retry

Auto Retry automatically re-dials a number if the connection fails. Depending upon your location, the number of times your phone automatically dials the number may vary.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Call Settings** ➔ **Auto Retry**. The **Auto Retry** sub-menu with the following options appears in the display:
   - **Off**: Disables automatic redialing of numbers
   - **Every 10 Seconds**: Phone automatically redials a number every 10 seconds
   - **Every 30 Seconds**: Phone automatically redials a number every 30 seconds
   - **Every 60 Seconds**: Phone automatically redials a number every 60 seconds
2. Select the desired setting.

TTY Mode

Your phone is fully TTY compatible. TTY equipment is connected to your phone through the headset connector on the right side of the phone. TTY Mode must be enabled before you can use your phone with a TTY device.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Call Settings** ➔ **TTY Mode**. You are prompted to confirm you want to change the current TTY Mode setting.
   - To access the TTY Mode options, press the **Yes** soft key.
   - To return to the **Call Settings** sub-menu, press the **No** soft key.
2. When you press the **Yes** soft key, the following options appear in the display:
   - **TTY Full**: Enables TTY mode and disables microphone and earpiece
   - **TTY + Talk (VCO)**: Enables TTY mode and microphone
   - **TTY + Hear (HCO)**: Enables TTY mode and earpiece
   - **TTY Off**: Disables TTY mode
3. Select the desired TTY Mode setting.

Note: The **TTY** icon ( ) appears in the top of the display when the phone is in standby mode.

Voice Privacy

When Voice Privacy is enabled (that is, set to **Enhanced**), it turns on advanced voice encryption.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Call Settings** ➔ **Voice Privacy**. The following options appear in the display:
   - **Standard**: Voice privacy is disabled.
   - **Enhanced**: Voice privacy is enabled.
2. Select the Voice Privacy setting of your choice.

International Dialing

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Call Settings** ➔ **International Dialing**.
2. Select and international dialing code and press OK

Phone Settings

The Phone Settings options let you tailor your phones basic operations. To access the Phone Settings sub-menu, do the following:

- In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Phone Settings**. The **Phone Settings** sub-menu appears in the display.

Airplane Mode

When set to **On**, Airplane Mode disables all radio functions of your phone. This prevents you from receiving or making calls (except emergency calls), but allows you to use other features (such as the camera and the Tools) safely in sensitive environments, such as on board an aircraft.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Phone Settings** ➔ **Airplane Mode**. The following options appear in the display:
   - **On**: Disables the radio transmitter and receiver in your phone
   - **Off**: Enables the radio transmitter and receiver in your phone
2. Select the desired Airplane Mode setting.

Language

The language option on your phone can change the language of voice prompts, menus, and key-input.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Phone Settings** ➔ **Language**. The following options appear in the display:
   - **English**
   - **Español**
2. Select your language preference.

Security

Use the Security sub-menu to lock your phone, set up emergency numbers, enable or disable voice privacy, set restrictions, and other security options.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Phone Settings** ➔ **Security**. The "**Enter Code**" prompt appears in the display.
2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

The "**Enter Code**" prompt disappears and the **Security** menu appears in the display.

Lock Phone

Locking the phone limits all outgoing calls except calls to 911 emergency and the three user-programmable emergency numbers. You can lock the phone manually during use, or set the phone to lock automatically when it is turned on. With the phone in lock mode, you can answer incoming calls, but you must unlock the phone to place outgoing calls (except to emergency and secret numbers).

1. At the **Security** sub-menu, select **Lock Phone**. The following Device Lock Mode options appear in the display:
   - **Lock**: Locks the phone immediately. (The phone stays locked until you enter the lock code.)
   - **Unlock**: Unlocks the phone.
   - **On Power up**: The phone locks automatically the next time your phone is powered on. (The phone stays locked until you enter the lock code.)
2. Select the Device Lock Mode option of your choice.

Change Lock

The default lock code for your phone is generally the last four digits of your phone number. It is advisable to change the default lock code to a secret code for security purposes.

1. At the **Security** sub-menu, select **Change Lock**. You're prompted to enter the new lock code.
2. Enter the new lock code. You're prompted to re-enter the new lock code for verification.
3. Enter the new lock code again. Your changes are stored.

Note: Your phone does not allow you to view the lock code for obvious security reasons. If you change the lock code, be sure to write down or memorize the new code.

Emergency

Your phone provides the option of storing three emergency numbers. Each number can be up to 32 digits in length. All emergency numbers can be manually called at any time, even when your phone is locked or restricted. This can be a useful feature for controlling outgoing calls from your phone.

Note: Emergency number 911 is hard-coded into your phone. You can dial this number any time, even when the phone is locked or restricted. If you call 911 an audible tone is heard and an Emergency prompt appears in the display for the duration of the call.

Important!: Because of various transmission methods, network parameters, and user settings necessary to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calling may not be available on all wireless networks at all times.

Important!: DO NOT depend on this phone as a primary method of calling 911 or for any other essential or emergency communications.

Remember to always turn your phone on and check for adequate signal strength before placing a call.

To store emergency numbers:

1. At the **Security** sub-menu, select **Emergency #**.
2. Select from the three emergency number entries.
3. Enter an emergency number (up to 32 digits in length).
4. Press OK to save the number that you entered.

Call emergency numbers in lock mode:

1. In standby mode, enter the emergency number.
2. Press to place the call.

Emergency Ringback

When calling 911, this feature allows 911 to call you back when the phone has be disconnected.

1. At the **Security** sub-menu, select **Emergency Ringback**.
2. Highlight **On** or **Off** and press OK.

Resetting Your Phone

Reset Phone returns all setup options to their factory default.

1. At the **Security** sub-menu, select **Reset Phone**. You are prompted to confirm that you want to restore your phone's default settings (except for the Contacts and Voice Dial).
   - To restore default settings, press the **Yes** soft key.
   - To retain your current settins and return to the **Security** sub-menu, press the **No** soft key.

Erase All Entries

Erase All Entries erases all information from your Contacts list.

Note: To completely remove any personal information stored on your device, see *"Precautions for Transfer and Disposal"* on page 256.

1. At the **Security** sub-menu, select **Erase All Entries**. You're prompted to enter the lock code again.
2. Enter the four-digit lock code using the keypad.

Note: The default lock code is the last four digits of your mobile phone number.

The "**Erase All Entries?**" prompt appears in the display.

- To erase all Contacts list entries, press the **Yes** soft key.
- To keep the current Contacts list entries, press the **No** soft key.

Restriction

Restriction lets you limit the use of your phone to make outgoing calls and/or to receive incoming calls to any numbers, to no numbers, or to calls from/to your Contacts.

1. At the **Security** sub-menu, select **Restriction**.

   The following options appear in the display:

   - **Calls**: Restrict/allow incoming or outgoing calls.
   - **SMS Messages**: Restrict/allow incoming or outgoing text messages.
   - **MMS Message**: Restrict/allow incoming or outgoing multimedia messages.
   - **Data**: Allow All data call or Allow none data calls.

2. Highlight the desired Restriction and press OK.
3. Select the desired setting.

NAM Selection

The **Network** menu allows you to select **NAM** (Number Assignment Module) settings for your phone. You can store two **NAM** settings, which are essentially telephone numbers, for your phone.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Phone Settings** ➔ **NAM Selection**. The following options appear in the display:
   - **NAM1**: Your service contract has one phone line.
   - **NAM2**: Your service contract has two phone lines.
2. Select the desired NAM option. The phone powers itself off and back on.

System Select

The **System Select** menu allows you to select the roaming setting for your phone.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Phone Settings** ➔ **System Select**.

   The following roaming options appear in the display:

   - **Home Only** :Your phone is available for normal operation only within your designated coverage area.
   - **Automatic** :The Preferred Roaming List (PRL) is used to acquire service. If no preferred systems are found, any digital system is acquired.

2. Select the desired roaming option.

Set Time

Use the **Set Time** option to set the current date and time.

Note: In digital service mode, the **Set Time** feature is disabled. The network adjusts time and date automatically.

---

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Phone Settings** ➔ **Set Time**. The following options appear in the display:

   - **Set Date**
   - **Set Time**

2. Select the desired option.

Speed Dial

Speed Dials are 1-, 2- or 3-digit shortcuts you assign to contacts, to allow you to quickly call the contact.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Phone Settings** ➔ **Speed Dial**.
2. Highlight **On** to enable the Speed Dial feature or highlight **Off** to disable.
3. Press OK. For more information, refer to *"Speed Dial"* on page 83.

Quick Search

Quick Search is an easy way to locate Contacts.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Phone Settings** ➔ **Quick Search**.
2. Highlight **On** to enable the Quick Search feature or highlight **Off** to disable.
3. Press OK.

Searching for a Contact

1. In standby mode, press the first few numeric keys that correspond to the letters of the Contacts name.

   For example, to search for “Sally” you could enter:

S A L

2. Press the **Up** navigation key. The **Find** screen appears in the display showing the Contacts entries with names that correspond to your key entries.
3. Highlight the desired Contacts entry.
4. Press to call the highlighted Contact.

Shortcut Key

Shortcut Key lets you set which feature, function, or application launches when you press the Up navigation key while in standby mode.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Phone Settings** ➔**Shortcut Key**.
2. Use the Directional Key to highlight **Up Key**, **Right Key**, or **Left Key** and press OK.
3. Highlight an item, and press OK.

Memory Info

Memory Info options let you review your phone's available memory and help you manage your files stored there.

To access the Memory Info options:

▶ In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Memory Info**. The following options appear in the display:

- **Total Used** memory
- **Available** unused memory
- **My Images** memory usage
- **My Ringtones** memory usage
- **Applications** memory usage
- **Pic Msg** memory usage

4. To return to the **Settings** menu, press OK.

Phone Info

The Phone Info options show you the hardware and software versions of your phone, definitions of the icons that appear at the tops of the phone displays, and the phone number assigned to your phone.

- In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Phone Info**.

Phone Number

This option causes the Phone Number screen to appear in the display and show the ten-digit number assigned to your phone by U.S. Cellular.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Phone Info** ➔ **Phone Number**. The phone number assigned by U.S. Cellular appears in the display.
2. To return to the **Phone Info** menu, press OK.

Icon Glossary

This option causes the Icon Glossary list to appear in the display and show the icons that can appear in the display and the names of the icons.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Phone Info** ➔ **Icon Glossary**. A list of the icons that can appear on the top line of the display shows in the display.
2. Use the Up and Down navigation keys or the Volume key to scroll through the icons list.
3. To return to the **Phone Info** menu, press OK.

Version

You can view both the software and hardware version of your phone using this feature. This feature is helpful if you need to contact Customer Service.

1. In standby mode, press OK for **Menu** ➔ **Settings** ➔ **Phone Info** ➔ **Version**.

   Your phone's software (S/W), preferred roaming list (PRL), browser (WEB), **easyedge**SM (easyedge), and hardware-related information (H/W, MEID, and pESN) appears in the display.
2. To return to the **Phone Info** menu, press OK.

Section 13: Health and Safety Information

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Specific Absorption Rate (SAR) Certification Information

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram

(W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- Head: 0.693 W/Kg.
- Body-worn: 0.889 W/Kg.

SAR information on this and other model phones can be viewed online at http://www.fcc.gov/oet/ea. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Please Note the Following Information When Using Your Handset

1. **WARNING REGARDING DISPLAY**

   The display on your handset is made of glass or acrylic and could break if your handset is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

2. **WARRANTY DISCLAIMER: PROPER USE OF A TOUCH SCREEN HANDSET**

   If your handset has a touchscreen display, please note that a touchscreen responds best to a light touch from the pad of your finger. Using excessive force when pressing on the touchscreen may damage the tempered glass surface and void the warranty.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: http://mobile.samsungusa.com/recycling/index.jsp or 1-800-822-8837 for more information.

UL Certified Travel Adapter

The Travel Adapter for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines.

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies.

When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones.

Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals.

However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures.

However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years.

However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer.

This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF). FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996.

An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations.

CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF).

Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000.

They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone.

Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims.

According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 1/1/2010):

- FCC RF Safety Program:
  http://www.fcc.gov/oet/rfsafety/
- Environmental Protection Agency (EPA):
  http://www.epa.gov/radiation/
- Occupational Safety and Health Administration's (OSHA):
  http://www.osha.gov/SLTC/radiofrequencyradiation/index.html
- National Institute for Occupational Safety and Health (NIOSH):
  http://www.cdc.gov/niosh/
- World Health Organization (WHO):
  http://www.who.int/peh-emf/
- International Commission on Non-Ionizing Radiation Protection:
  http://www.icnirp.de
- Health Protection Agency:
  http://www.hpa.org.uk/radiation
- US Food and Drug Administration:
  http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold. Always comply with road safety regulations on using a mobile phone while driving. Using a mobile phone while driving can be dangerous.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving. Suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.

5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.

10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.ctia.org.

Important!: If you are using a handset other than a standard numeric keypad, please call 1-888-901-7233.

Provided by the Cellular Telecommunications & Internet Association.

Responsible Listening

Caution!: Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing.

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

- Always turn the volume down before plugging the earphones into an audio source.
- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300
Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: http://www.audiology.org

National Institute on Deafness and Other Communication Disorders

National Institutes of Health
31 Center Drive, MSC 2320
Bethesda, MD 20892-2320

Email: nidcdinfo@nih.gov

Internet: http://www.nidcd.nih.gov/

National Institute for Occupational Safety and Health (NIOSH)

395 E Street, S.W.
Suite 9200
Patriots Plaza Building
Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

1-800-CDC-INFO (1-800-232-4636)

Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

1-888-232-6348 TTY

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place;
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless phone with such a device, consult your health care provider.

For more information see:

http://www.fcc.gov/oet/rfsafety/rf-faqs.html

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids.

The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

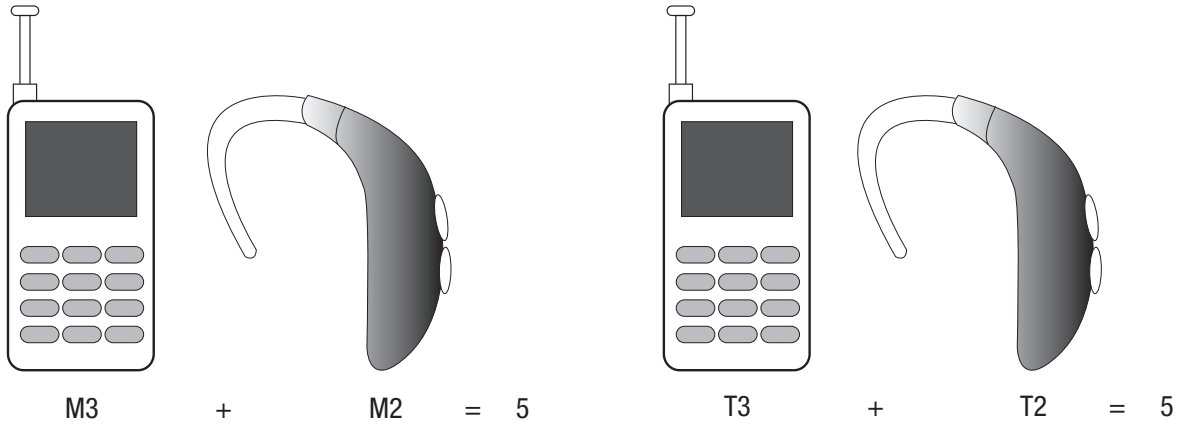
The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together.

A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules.

The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions areas or circumstances. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example). Before traveling in remote or underdeveloped areas, plan an alternate method of contacting emergency services personnel.

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
3. Press .

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Restricting Children's access to your Phone

Your phone is not a toy. Do not allow children to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association:

NFPA (National Fire Protection Agency)

1 Batterymarch Park

Quincy, Massachusetts

USA 02169-7471

Internet: http://www.nfpa.org

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Ensure that any mobile phones or related equipment installed in your vehicle are securely mounted.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment near or in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Allowing unqualified personnel to service your phone may result in damage to your phone and may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call.
- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.
- Speak directly into the phone's receiver.
- If your phone has a SIM or memory card: (i) handle the SIM or memory card with care, (ii) do not remove a card while the phone is transferring or accessing information, as this could result in loss of data and/or damage to the card of phone, (iii) protect cards from strong shocks, static electricity, and electrical noise from other devices, and (iv) do not touch gold-colored contacts or terminals with your fingers or metal objects (if dirty, wipe the card with a soft cloth).

- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Do not modify or remanufacture the battery as this could result in serious safety hazards. Use batteries only for their intended use.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user's guide.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time and must be recharged before use.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers which are specifically designed for your phone. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.

- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, leakage serious injuries, damage to your phone, or other serious hazard.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, (below 0 °C (32 °F) or over 45 °C (113 °F) such as in a car in summer or winter conditions, as you will reduce the charging capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not place the battery in, on or near areas that may get very hot, such as on or near a microwave oven, cooking surface, cooking appliance, iron, or radiator. Batteries may explode when overheated.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.

- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. Do not handle a damaged or leaking Lithium Ion (Li-Ion) battery. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas (over 45 °C (113 °F)). High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas (below 0 °C (32 °F)). When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in, on or near areas that may get very hot, such as a microwave oven, cooking surface, cooking appliance, iron or a radiator. Do not dispose of the phone in a fire. The phone may explode when overheated.
- If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.
- Dispose of phones in accordance with local regulations. In some areas, the disposal of phones in household or business trash may be prohibited. For safe disposal options for phones, contact your nearest Samsung authorized service center.

Section 14: Warranty Information

Standard Limited Warranty

What is Covered and For How Long?

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, neglect, unusual physical, electrical or electromechanical stress, or defects in appearance, cosmetic, decorative or structural items, including framing, and any non-operative parts unless caused by SAMSUNG; (b) defects or damage resulting

from excessive force when pressing on a touch screen; (c) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible; (d) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (e) malfunctions resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (f) defects or damage from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (g) defects or damage from external causes such as collision with an object, or from fire, flooding, sand, dirt, windstorm, lightning, earthquake, or from exposure to weather conditions, or battery leakage, theft, blown fuse, or improper use of any electrical source; (h) defects or damage caused by cellular signal reception or transmission, or viruses or other software problems introduced into the Product; (i) any other acts which are not the fault of SAMSUNG; or (j) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the original date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

What Are The Limits On Samsung's Warranty/liability? EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE PRODUCT OR

ARISING DIRECTLY OR INDIRECTLY FROM THE USE OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS.

THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRD-PARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-

PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT.

THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Samsung Telecommunications America, LLC

1301 E. Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG

Phone: 1-888-987-HELP (4357)

©2011 Samsung Telecommunications America, LLC. All rights reserved.

No reproduction in whole or in part allowed without prior written approval. Specifications and availability subject to change without notice. [021710]

End User License Agreement for Software

IMPORTANT. READ CAREFULLY: This End User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and Samsung Electronics Co., Ltd. for software owned by Samsung Electronics Co., Ltd. and its affiliated companies and its third party suppliers and licensors that accompanies this EULA, which includes computer software and may include associated media, printed materials, "online" or electronic documentation ("Software"). BY CLICKING THE "I ACCEPT" BUTTON (OR IF YOU BYPASS OR OTHERWISE DISABLE THE "I ACCEPT", AND STILL INSTALL, COPY, DOWNLOAD, ACCESS OR OTHERWISE USE THE SOFTWARE), YOU AGREE TO BE BOUND BY THE TERMS OF THIS EULA. IF YOU DO NOT ACCEPT THE TERMS IN THIS EULA, YOU MUST CLICK THE "DECLINE" BUTTON, DISCONTINUE USE OF THE SOFTWARE.

1. GRANT OF LICENSE. Samsung grants you the following rights provided that you comply with all terms and conditions of this EULA: You may install, use, access, display and run one copy of the Software on the local hard disk(s) or other permanent storage media of one computer and use the Software on a single computer or a mobile device at a time, and you may not make the Software available over a network where it could be used by multiple computers at the same time. You may make one copy of the Software in machine-readable form for backup purposes only; provided that the backup copy must include all copyright or other proprietary notices contained on the original.

2. RESERVATION OF RIGHTS AND OWNERSHIP. Samsung reserves all rights not expressly granted to you in this EULA. The Software is protected by copyright and other intellectual property laws and treaties. Samsung or its suppliers own the title, copyright and other intellectual property rights in the Software. The Software is licensed, not sold.

3. LIMITATIONS ON END USER RIGHTS. You may not reverse engineer, decompile, disassemble, or otherwise attempt to discover the source code or algorithms of, the Software (except and only to the extent that such activity is expressly permitted by applicable law notwithstanding this limitation), or modify, or disable any features of, the Software, or create derivative works based on the Software. You may not rent, lease, lend, sublicense or provide commercial hosting services with the Software.

4. CONSENT TO USE OF DATA. You agree that Samsung and its affiliates may collect and use technical information gathered as part of the product support services related to the Software provided to you, if any, related to the Software. Samsung may use this information solely to improve its products or to provide customized services or technologies to you and will not disclose this information in a form that personally identifies you.

5. UPGRADES. This EULA applies to updates, supplements and add-on components (if any) of the Software that Samsung may provide to you or make available to you after the date you obtain your initial copy of the Software, unless we provide other terms along with such

upgrade. To use Software identified as an upgrade, you must first be licensed for the Software identified by Samsung as eligible for the upgrade. After upgrading, you may no longer use the Software that formed the basis for your upgrade eligibility.

6. SOFTWARE TRANSFER. You may not transfer this EULA or the rights to the Software granted herein to any third party unless it is in connection with the sale of the mobile device which the Software accompanied. In such event, the transfer must include all of the Software (including all component parts, the media and printed materials, any upgrades, this EULA) and you may not retain any copies of the Software. The transfer may not be an indirect transfer, such as a consignment. Prior to the transfer, the end user receiving the Software must agree to all the EULA terms.

7. EXPORT RESTRICTIONS. You acknowledge that the Software is subject to export restrictions of various countries. You agree to comply with all applicable international and national laws that apply to the Software, including the U.S. Export Administration Regulations, as well as end user, end use, and destination restrictions issued by U.S. and other governments.

8. TERMINATION. This EULA is effective until terminated. Your rights under this License will terminate automatically without notice from Samsung if you fail to comply with any of the terms and conditions of this EULA. Upon termination of this EULA, you shall cease all use of the Software and destroy all copies, full or partial, of the Software.

9. DISCLAIMER OF WARRANTIES. You expressly acknowledge and agree that use of the Software is at your sole risk and that the entire risk as to satisfactory quality, performance, accuracy and effort is with you. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE SOFTWARE IS PROVIDED "AS IS" AND WITH ALL FAULTS AND WITHOUT WARRANTY OF ANY KIND, AND SAMSUNG AND ITS LICENSORS (COLLECTIVELY REFERRED TO AS "SAMSUNG" FOR THE PURPOSES OF SECTIONS 9, 10 and 11) HEREBY DISCLAIM ALL WARRANTIES AND CONDITIONS WITH RESPECT TO THE SOFTWARE, EITHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES AND/OR CONDITIONS OF MERCHANTABILITY, OF SATISFACTORY QUALITY OR WORKMANLIKE EFFORT, OF FITNESS FOR A PARTICULAR PURPOSE, OF RELIABILITY OR AVAILABILITY, OF ACCURACY, OF LACK OF VIRUSES, OF QUIET ENJOYMENT, AND NON-INFRINGEMENT OF THIRD PARTY RIGHTS. SAMSUNG DOES NOT WARRANT AGAINST INTERFERENCE WITH YOUR ENJOYMENT OF THE SOFTWARE, THAT THE FUNCTIONS CONTAINED IN THE SOFTWARE WILL MEET YOUR REQUIREMENTS, THAT THE OPERATION OF THE SOFTWARE WILL BE UNINTERRUPTED OR ERROR-FREE, OR THAT DEFECTS IN THE SOFTWARE WILL BE CORRECTED. NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN BY SAMSUNG OR A SAMSUNG AUTHORIZED REPRESENTATIVE SHALL CREATE A WARRANTY. SHOULD THE SOFTWARE PROVE DEFECTIVE, YOU ASSUME THE ENTIRE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES OR LIMITATIONS ON

APPLICABLE STATUTORY RIGHTS OF A CONSUMER, SO THESE EXCLUSIONS AND LIMITATIONS MAY NOT APPLY TO YOU.

10. EXCLUSION OF INCIDENTAL, CONSEQUENTIAL AND CERTAIN OTHER DAMAGES. TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT SHALL SAMSUNG BE LIABLE FOR PERSONAL INJURY, OR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES WHATSOEVER, OR FOR LOSS OF PROFITS, LOSS OF DATA, BUSINESS INTERRUPTION, OR FOR ANY PECUNIARY DAMAGES OR LOSSES, ARISING OUT OF OR RELATED TO YOUR USE OR INABILITY TO USE THE SOFTWARE, THE PROVISION OF OR FAILURE TO PROVIDE SUPPORT OR OTHER SERVICES, INFORMATION, SOFTWARE, AND RELATED CONTENT THROUGH THE SOFTWARE OR OTHERWISE ARISING OUT OF THE USE OF THE SOFTWARE, OR OTHERWISE UNDER OR IN CONNECTION WITH ANY PROVISION OF THIS EULA, HOWEVER CAUSED, REGARDLESS OF THE THEORY OF LIABILITY (CONTRACT, TORT OR OTHERWISE) AND EVEN IF SAMSUNG HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. SOME JURISDICTIONS DO NOT ALLOW THE LIMITATION OF LIABILITY FOR PERSONAL INJURY, OR OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS LIMITATION MAY NOT APPLY TO YOU.

11. LIMITATION OF LIABILITY. Notwithstanding any damages that you might incur for any reason whatsoever (including, without limitation, all damages referenced herein and all direct or general damages in contract or anything else), the entire liability of Samsung under any provision of this EULA and your exclusive remedy hereunder shall be limited to the greater of the actual damages you incur in reasonable

reliance on the Software up to the amount actually paid by you for the Software or US$5.00. The foregoing limitations, exclusions and disclaimers (including Sections 9, 10 and 11) shall apply to the maximum extent permitted by applicable law, even if any remedy fails its essential purpose.

12. U.S. GOVERNMENT END USERS. The Software is licensed only with "restricted rights" and as "commercial items" consisting of "commercial software" and "commercial software documentation" with only those rights as are granted to all other end users pursuant to the terms and conditions herein.

13. APPLICABLE LAW. This EULA is governed by the laws of TEXAS, without regard to conflicts of laws principles. This EULA shall not be governed by the UN Convention on Contracts for the International Sale of Goods, the application of which is expressly excluded. If a dispute, controversy or difference is not amicably settled, it shall be finally resolved by arbitration in Seoul, Korea in accordance with the Arbitration Rules of the Korean Commercial Arbitration Board. The award of arbitration shall be final and binding upon the parties.

14. ENTIRE AGREEMENT; SEVERABILITY. This EULA is the entire agreement between you and Samsung relating to the Software and supersedes all prior or contemporaneous oral or written communications, proposals and representations with respect to the Software or any other subject matter covered by this EULA. If any provision of this EULA is held to be void, invalid, unenforceable or illegal, the other provisions shall continue in full force and effect.

Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important!: Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Customer Care Center:

1000 Klein Rd.

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

Samsung Telecommunications America, LLC:

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG (726-7864)

Important!: If you are using a handset other than a standard numeric keypad, dial the numbers listed in brackets.

Phone: 1-888-987-HELP (4357)

©2011 Samsung Telecommunications America. All rights reserved.

No reproduction in whole or in part allowed without prior written approval. Specifications and availability subject to change without notice.

Index

Numerics

2-Sec Pause 76

A

Activating Your Phone 16
Adding Contacts
Dial Method 73
Menu Method 74
Adjust
key beep 178
Alerts 177

B

Battery
Charging 13
Installing 11
Low Battery Indicator 15
Removing 12

C

Call Functions
Adjusting the Call Volume 50
Answering a Call 48
Call Log 96
Making a Call — Number Entry Dialing 39
Making a Call — Speed Dialing 42

Making a Call — Voice Dialing 45
Call Settings 179
Auto Answer 180
Auto Retry 181
Call Answer 179
TTY Mode 182
Voice Privacy 183
Camera Mode 32
Charging the Battery 13
Clock Format 171
Contacts
Adding 73
Adding Speed Dial Numbers 83
Contacts Groups 88
Deleting 94
Editing 75
Finding 68
Memory Info 95
Saving a Number After a Call 80
Contacts Groups
Add 93
Add Contacts 88
Erase 94
Rename 92

Create a Draft Message 123
Create and Send Text Messages 108

D

Dialing Font Size 172
Display Setting
Dialing Font 172
Display Settings
Backlight 173
Banner 173
Clock Format 171
Dialing Font Size 172
Front Contrast 174
Theme 172
Wallpaper 170

E

easyedgeSM 137
Editing Contacts
Add Pauses 76
Assigning a Ringtone 79
Changing Speed Dial Numbers 86
Email Address 78
Name and Numbers 75
Names and Numbers 75

Emergency Calls 39

F

Finding Contacts
Shortcut Key Method 68
Voice Method 70

G

Games 137

H

HAC 227
Health and Safety Information 200

I

Icon Glossary 199
In-Call Options 49
Installing the Battery 11
International Calls 40

L

Language Setting 185

M

Memo Pad
Add a Memo 158
Review, Edit, and Erase Memos 159
Menu, In-Call Options 49
Message Settings
Text 133

Messages
Create a Draft Message 123
Create and Send 108
Message Boxes 118
Receive 115
Settings 131
Types 108
Mode
Camera 32
M-Ratings 228

N

Navigation Key Shortcuts 31

P

Personal Organizer
Alarm Clock 160
Calculator 164
Calendar 155
Memo Pad 158
World Time 163
Phone
Command Keys 28
Display Screen 34
Display Screen Icons 35
Features 20
View, Open, Front 25
View,Closed 23

Phone Info 198
Icon Glossary 199
Phone Number 198
Version 199
Phone Number 198
Phone Safety 225
Phone Settings
Airplane Mode 184
Language 185
Security 185
Shortcut Key 196
Picture Messages
Send in Camera Mode 110
Settings 134

R

Receive Text Messages 115
Record Memos 147
Removing the Battery 12
Ringer Types, Assigning 176
Roaming 50

S

SAR values 200
Security Settings 185
Change Lock 187
Emergency # 188
Lock Phone 186

Resetting Your Phone 190
Restriction 192
Send Text Messages 108
Set Time 194
Settings
Call Settings 179
Camera Options 142
Display Settings 170
Phone Settings 184
Security Settings 185
Sound Settings 175
Settings, Picture Messages 134
Setup
Location 169
Shortcut to menus 36
Sound Settings
Alerts 177
Key Tone 178
Ringer Type 176
Volume 175
Speed Dialing 42
One-Touch Dialing 42
Three Touch Dialing 43
Two-Touch Dialing 42
Standard Limited Warranty 244

T

Taking Pictures 141
Text
Entering Emoticons 65
Entering Numbers 63
Entering Symbols 64
Using Abc Mode 63
Using T9® Word Mode 62
Time, Set 194
Tools
Tools Menu 150
T-Ratings 228
TTY Mode 182
Turning Your Phone
Off 17
On 16

U

UL Certification 203
Understanding this User Manual 5

V

Version 199
Voice Dialing 45
Voice Launch 59
Voice Memo
Record Memos 147
Review Memos 148

Voice Service 135
Voicemail
Listen 18, 129
Setup 17
VoiceSignal
About VoiceSignal 59

W

Wallpaper 170
Warranty Information 244

Y

Your Phone
Turning Off 17
Turning On 16